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U.S. Dept. of Commerce

RAINFALL RETURNS

(TRINIDAD AND TOBAGO)

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TABLE II.

ANNUAL RAINFALL AT THE ROYAL BOTANIC GARDENS, TRINIDAD, 1862 TO 1910, INCLUSIVE.

Year.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Rainfall.	Decades Averages.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	Inches.	
1862 ...	...	·66	·77	·25	1·41	8·47	10·36	9·57	11·97	6·60	10·06	3·03	63·15	
1863 ...	1·54	2·71	1·45	·85	1·26	9·12	10·12	10·53	12·11	6·24	4·30	6·57	66·80	
1864 ...	2·51	·53	·36	·04	8·15	4·96	7·17	12·06	8·04	6·53	5·94	6·61	62·90	
1865 ...	2·62	3·20	1·07	7·98	3·22	5·64	10·35	14·83	7·32	14·62	4·81	9·62	85·28	
1866 ...	2·24	3·91	1·44	1·09	1·45	6·59	7·83	12·34	5·87	10·11	8·17	6·82	67·86	65·73 (9 yrs.)
1867 ...	1·31	6·36	·83	1·32	2·33	5·30	12·20	15·21	10·45	7·87	·67	2·71	66·56	
1868 ...	2·06	·82	3·20	·64	4·17	7·78	11·35	6·73	5·46	4·66	8·31	1·03	56·21	
1869 ...	·08	·93	·74	·41	·69	5·52	10·17	8·74	8·86	5·15	6·30	5·87	53·46	
1870 ...	2·61	·56	1·46	1·51	4·65	8·81	11·91	9·00	10·63	3·98	5·94	8·29	69·35	
1871	6·62	1·40	2·89	·92	3·97	8·84	11·73	12·97	7·87	4·37	10·73	3·27	75·58	
1872 ...	1·45	·07	·74	·39	3·14	7·09	5·45	10·82	3·07	4·80	9·89	3·04	49·95	
1873 ...	1·78	1·08	1·98	·53	0·00	4·31	5·04	8·37	5·80	10·34	3·48	1·31	44·02	
1874 ...	3·47	1·96	3·67	5·16	2·51	12·28	12·28	11·20	9·38	6·42	3·66	4·29	76·28	
1875 ...	3·39	·91	·56	·42	2·61	4·15	12·62	7·22	11·95	10·85	3·74	2·48	60·90	69·98
1876 ...	3·26	1·03	1·78	1·67	6·65	11·17	12·23	15·18	12·03	7·04	5·95	3·96	81·95	
1877 ...	2·14	...	7·46	3·38	3·19	8·43	8·35	12·94	6·39	6·68	7·66	5·48	72·10	
1878 ...	3·44	·70	...	3·22	4·99	5·78	5·42	8·88	11·15	5·89	8·72	3·05	61·24	
1879 ...	1·52	2·76	4·56	3·03	3·08	14·92	6·86	10·35	6·15	3·54	4·28	4·38	65·43	
1880 ...	11·72	6·53	·67	2·32	3·90	7·83	6·30	17·39	7·47	5·74	10·51	1·96	82·34	
1881 ...	·57	·65	·23	1·60	4·66	11·05	7·82	10·90	10·59	3·36	12·06	2·23	65·72	
1882 ...	1·33	2·38	·73	1·57	3·74	6·33	5·93	8·40	4·93	5·86	10·29	1·50	52·99	
1883 ...	1·56	·71	·26	3·37	5·89	10·91	13·66	10·26	5·53	3·99	6·06	8·30	70·50	
1884 ...	3·43	2·50	4·40	1·51	2·91	6·84	5·71	8·70	5·03	5·05	5·14	5·66	56·88	
1885 ...	1·30	·89	1·49	·43	5·27	3·44	5·87	4·56	6·08	4·08	5·37	4·44	43·22	66·24
1886 ...	3·32	1·97	3·27	3·83	4·49	9·70	17·48	8·15	6·73	12·59	8·54	6·75	86·82	
1887 ...	2·69	1·46	1·67	1·08	3·98	7·40	5·51	9·93	5·07	5·84	7·60	11·86	64·09	
1888 ...	8·37	1·79	2·41	2·28	3·46	11·92	6·89	7·02	5·53	5·06	7·76	2·95	65·44	
1889 ...	·94	·85	4·16	1·05	6·34	11·66	12·14	11·73	3·76	6·30	7·38	7·48	73·79	
1890 ...	7·76	·51	2·09	7·62	5·14	9·68	12·89	11·65	3·37	10·98	5·93	5·28	82·90	
1891 ...	3·17	·92	·03	1·44	2·54	5·54	11·88	4·26	7·44	5·77	6·66	4·09	53·74	
1892 ...	1·93	2·19	1·85	7·59	11·55	16·26	15·55	9·21	3·57	11·49	5·40	4·69	91·28	
1893 ...	3·43	1·85	·19	3·61	11·35	10·19	13·28	16·32	11·73	5·47	7·84	7·23	92·49	
1894 ...	3·22	2·36	3·12	1·22	2·69	3·26	4·53	12·06	5·48	3·93	7·28	3·16	52·31	
1895 ...	2·52	1·33	2·27	2·52	2·11	5·00	2·57	4·86	5·69	10·89	15·15	7·32	62·23	66·89
1896 ...	1·08	·88	1·59	2·33	1·62	10·29	6·35	7·66	6·46	6·05	9·81	6·33	66·45	
1897 ...	1·67	·75	3·96	·26	5·58	11·19	13·88	7·90	9·83	8·87	9·39	4·40	77·68	
1898 ...	3·05	2·18	2·10	1·17	1·49	6·46	5·87	10·55	7·13	6·15	9·13	3·57	58·85	
1899 ...	1·95	1·82	1·00	·75	·52	7·63	4·44	8·45	2·18	6·34	8·07	3·61	46·76	
1900 ...	3·56	·76	2·72	4·10	4·14	12·99	7·95	11·07	5·52	6·53	5·35	2·45	67·14	
1901 ...	1·95	1·51	1·85	·35	6·45	9·21	8·38	7·53	4·26	4·97	7·93	4·83	59·22	
1902 ...	2·56	·51	1·18	1·78	2·14	10·05	5·20	11·67	7·22	7·40	2·74	2·89	55·34	
1903 ...	1·51	·68	1·54	2·17	·95	5·42	9·40	9·45	11·41	2·12	2·59	4·20	51·44	
1904	3·00	2·56	4·24	2·50	2·76	6·23	8·03	4·72	8·81	5·65	3·61	4·32	56·43	
1905 ...	2·41	·59	3·74	1·79	4·34	6·01	9·49	11·09	10·43	6·94	10·69	4·16	71·68	
1906 ...	·43	·50	·73	·46	7·96	10·95	11·42	8·55	6·54	6·80	5·00	5·64	64·98	61·27
1907 ...	5·22	·44	1·71	·09	4·58	11·01	11·02	5·77	7·76	7·65	10·69	4·10	70·04	
1908 ...	·75	·45	1·79	·95	5·32	5·22	5·87	7·72	5·45	5·45	2·65	8·68	50·80	
1909 ...	5·69	2·43	1·15	1·78	3·87	8·31	10·72	6·29	6·95	7·15	3·93	6·31	64·58	
1910 ...	2·79	4·38	1·75	2·01	2·76	6·34	6·40	13·89	8·27	9·21	8·49	1·90	68·19	
Grand Total ...	142·92	78·92	94·85	98·34	91·97	403·48	443·87	484·65	360·72	329·37	341·65	234·10	3205·34	
Avg. Monthly Rainfall for 49 yrs., 1862–1910	2·91	1·61	1·93	2·00	3·91	8·23	9·05	9·89	7·36	6·72	6·97	4·77	65·41*	

* 49 years yearly average.

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TABLE III.

MEAN ANNUAL METEOROLOGICAL RECORDS, 1888 TO 1910, INCLUSIVE.

ROYAL BOTANIC GARDENS, TRINIDAD.

Years.	Barometer. Mean Daily Register.	Thermometer. Mean Maximum.	Thermometer. Mean Minimum.	Mean Annual Temperature	Mean Annual Relative Humidity.	Rainfall.
1888—January to December ...	29·835	87·5	69·7	78·6	81·	65·44
1889	29·947	87·7	70·1	78·9	79·	73·79
1890	29·964	86·1	69·0	77·5	79·	82·90
1891	29·954	87·8	70·1	78·9	76·	53·74
1892	29·954	87·2	70·2	78·7	80·	91·14
1893	29·954	87·4	68·5	78·1	80·	92·49
1894	29·971	87·8	69·1	78·4	78·	52·31
1895	29·962	87·8	69·5	78·6	76·	62·23
1896	29·956	87·8	70·3	79·0	80·	66·45
1897	29·962	87·9	70·3	79·1	80·	77·68
1898	29·954	87·6	69·2	78·4	80·	71·44
1899	29·979	89·3	69·5	79·4	75·	46·76
1900	29·979	87·9	70·8	79·3	80·	67·36
1901	29·975	87·2	70·1	78·6	79·	58·16
1902	29·990	87·6	69·6	78·6	82·	55·34
1903	29·974	89·2	68·7	78·9	78·	51·44
1904	30·007	86·1	68·3	77·0	81·	56·43
1905	29·989	86·4	69·3	77·8	79·	71·68
1906	29·985	87·2	69·4	78·3	80·	64·98
1907	29·994	86·7	69·3	78·0	82·	70·40
1908	29·993	86·8	69·2	78·0	81·	50·80
1909	30·009	86·8	69·5	78·1	83·	64·58
1910	29·970	85·9	69·9	77·9	79·	68·19
	689·257	2009·7	1599·6	1804·1	1828·	1515·73
Mean for 23 years	29·966	87·3	69·5	78·2	79·	65·90

Station—66·7 feet above mean sea level.

TABLE IV.

METEOROLOGICAL RESULTS 1910, ST. CLAIR EXPERIMENT STATION.

Month.	Barometer. Reduced Readings. 7 A.M.	Barometer. Reduced Readings. 3 P.M.	Thermometer. Dry & Wet Bulb. 7 A.M. D.	7 A.M. W.	3 P.M. D.	3 P.M. W.	Mean Maximum.	Mean Minimum.	Mean Temperature, Blackened Bulb in Vacuo.	Mean Temperature, Thermometer on Grass.	Humidity.	Tension of Aqueous Vapour.	Rainfall.	Dew Point, 7 A.M.	Dew Point, 3 P.M.
1910.	In.	In.	°	°	°	°	°	°	°		°	°	In.	°	°
January ...	30·001	29·972	73·5	71·8	81·2	75·4	85·3	67·7	150·5		80·	·759	2·79	70·5	71·4
February ...	30·044	29·995	74·2	72·5	82·1	74·4	85·2	69·4	153·5		77·	·733	4·38	71·2	69·2
March ...	30·011	29·952	74·5	72·8	81·3	71·2	85·8	69·2	157·8		73·	·690	1·75	71·5	64·3
April ...	30·024	29·996	76·5	73·9	82·2	74·5	80·2	69·4	157·4		74·	·746	2·01	72·0	69·3
May ...	29·942	29·973	76·2	74·1	82·6	75·7	87·9	70·5	156·7		80·	·812	2·76	72·6	73·0
June ...	30·020	29·954	75·9	74·4	81·6	76·3	87·8	72·0	153·3		83·	·826	6·34	72·3	73·7
July ...	29·985	29·974	78·1	75·3	81·0	77·1	87·6	68·7	156·6		70·	·704	6·40	73·3	64·3
August ...	29·973	29·912	76·0	74·6	81·3	76·9	87 0	71·7	157·6		86·	·840	13·89	73·6	73·9
September ...	29·977	29·906	75·2	74·4	82·3	76·9	87 9	70·7	155·2		86·	·826	8·27	73·8	73·2
October ...	29·985	29·888	75·3	74·3	82·1	77·3	87 3	70·8	103·2		84·	·826	9·21	73·3	74·0
November ...	29·989	29·905	74·9	73·9	83·8	77·8	87·6	70·2	154 8		82·	·826	8·49	73·2	74·0
December ...	29·977	29·898	72·1	71·4	83·8	75·8	81·7	68·2	153·9		80·	·759	1·90	70·8	70·5
Monthly Average for year ...	29·996	29·944	75·2	73·6	82·1	75·7	85·9	69·9	150·8		79·	·778	5·68	72·4	71·9

Instrument out of order.

Mean daily height of Barometer 29·970

Mean Annual Temperature... 77·9

Total Rainfall ... 68·19

Station—66·7 feet above mean sea level.

TABLE V

SUNSHINE RECORD FOR YEAR 1910.

Date.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	No charts in stock.				H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1					6 26	11 20	1 12	9 00	...	1 55	5 30	9 35
2					...	4 15	6 28	2 13	3 00	1 10	8 20	10 00
3					10 45	5 30	4 10	7 00	4 13	0 05	9 35	10 00
4					...	2 03	5 00	2 31	1 37	6 00	10 6	10 05
5					9 40	9 05	4 25	2 18	...	5 20	8 30	9 35
6					10 00	10 00	3 30	2 11	1 18	1 59	3 05	3 40
7					10 05	8 35	2 02	7 04	...	6 15	5 15	...
8					...	0 10	4 19	8 14	...	6 45	3 30	8 00
9					3 20	8 00	9 00	5 24	3 41	7 20	4 05	9 15
10					5 30	1 35	5 04	9 00	...	9 55	7 10	9 10
11					3 30	2 40	4 00	3 10	...	7 50	4 30	4 10
12					10 16	...	9 45	...	...	1 35	6 00	9 00
13					8 45	3 05	...	1 11	5 56	7 00	7 45	9 30
14					11 35	3 45	...	1 22	7 19	7 15	9 00	9 30
15					...	10 00	...	1 01	4 20	6 00	8 40	9 35
16					7 30	8 35	2 51	7 00	6 19	4 30	8 05	9 00
17					10 03	3 30	8 40	6 21	3 25	4 15	2 45	9 00
18					9 05	...	8 32	2 05	4 46	8 45	9 00	5 00
19					0 58	8 40	3 57	0 45	4 51	2 50	9 45	5 00
20					4 10	6 09	0 21	8 24	2 48	9 15	6 00	9 20
21					5 02	9 00	4 40	8 00	6 10	9 15	6 50	8 00
22					3 00	10 05	5 00	6 39	9 00	7 35	9 35	9 05
23					8 10	8 50	5 12	6 17	6 01	1 10	9 40	9 20
24					6 05	7 10	4 39	3 19	...	9 15	7 00	9 10
25					6 30	8 00	0 13	9 06	...	9 00	5 35	9 00
26					...	3 45	8 00	3 19	5 12	9 30	5 10	8 50
27					10 10	10 00	8 11	...	1 16	7 50	7 30	7 35
28					8 15	3 45	8 23	...	7 11	5 10	9 05	9 50
29					...	3 05	7 16	...	9 00	2 15	15 00	10 00
30					7 45	8 00	8 00	...	3 51	4 00	6 00	9 00
31					...	...	8 12	3 00	...	6 05	...	8 10

TABLE VI.

RAINFALL RETURNS, 1910.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1910.	Average in district 1910.	Total Jan.-Dec. 1909.
NORTH WEST DISTRICT.															
St. Clair—Royal Botanic Gardens	2·79	4·38	1·75	2·01	2·76	6·34	6·40	13·89	8·27	9·21	8·49	1·90	68·19	...	64·58
Port-of-Spain—Colonial Hospital	2·40	1·75	1·39	1·94	2·08	5·24	5·07	13·39	5·59	6·46	7·66	1·43	54·40	...	51·69
„ Royal Gaol	2·34	3·79	1·63	2·32	2·13	5·69	7·25	14·15	6·65	8·07	7·94	·65	62·61	...	54·85
„ Constabulary Head Quarters ...	1·05	4·74	1·82	2·92	2·07	6·04	6·54	13·70	6·03	8·04	7·24	1·39	61·58	...	57·36
St. Ann's—Reservoir	3·16	3·62	2·18	2·87	3·51	8·88	6·61	13·99	13·04	12·76	12·16	1·71	84·49	...	81·36
„ Coblentz Avenue	2·65	2·94	1·46	1·43	2·90	6·56	6·75	13·29	9·47	9·90	7·98	2·44	67·77	...	66·19
Maraval—Reservoir	4·68	6·79	2·85	3·00	5·56	8·31	7·71	15·43	10·63	9·93	11·56	2·50	88·94	...	86·29
„ Constabulary Station	4·05	7·04	3·16	3·29	7·69	8·75	8·99	11·54	12·67	6·86	9·01	3·02	86·07	...	92·55
Diego Martin „ „	5·83	6·18	2·59	3·00	6·44	8·33	7·91	10·50	7·22	7·24	4·77	3·02	73·03	...	66·11
„ „ Waterworks	5·88	6·46	2·42	2·90	4·96	8·80	8·19	10·90	7·28	6·38	7·96	2·98	75·06	...	70·21
„ „ River Estate	5·98	6·74	2·53	2·90	5·38	8·96	8·29	10·72	6·90	6·18	7·39	2·89	74·86	...	79·07
Fort George Signal Station	3·07	3·74	3·03	1·89	4·59	7·19	6·40	12·50	9·00	9·28	8·88	2·45	72·02	...	69·07
North Post „	5·00	7·50	2·05	2·09	4·47	8·12	6·51	11·36	7·15	6·73	5·45	1·78	86·21	...	63·18
Carenage Constabulary Station	1·51	3·85	1·36	1·75	5·46	11·32	8·20	11·52	10·65	9·37	11·51	2·19	78·69	...	67·79
Carrera Island Convict Depôt	1·47	4·16	1·07	2·31	3·96	6·22	4·92	11·48	7·46	5·83	5·43	1·57	55·88	...	56·64
Chacachacare Light House	6·41	6·04	4·10	3·13	4·30	6·03	3·54	7·03	5·45	6·30	5·95	2·86	61·14	72·11	67·55
SANTA CRUZ-MARACAS DISTRICT.															
Santa Cruz Constabulary Station	6·25	9·21	3·21	3·86	6·37	8·13	4·52	14·44	8·02	11·64	9·36	2·05	87·06	...	92·53
St. Joseph „ „	1·78	4·20	0·63	1·40	4·33	7·82	6·76	9·90	6·12	8·06	6·37	2·50	59·87	...	63·13
Tunapuna—St. Augustine Estate	4·63	11·19	5·73	8·50	7·45	5·76	5·11	10·01	4·28	8·54	5·33	2·41	78·94	...	...
St. Joseph—Government Farm	1·73	...	...	·82	2·77	6·72	6·81	12·77	6·56	9·59	7·37	3·41	...	...	...
Maracas—Ortinola Estate	5·15	9·74	2·99	3·44	5·33	7·23	6·91	11·36	7·24	13·68	7·41	2·65	83·13	...	78·10
„ Government School	6·71	10·30	2·76	3·33	6·16	7·93	6·59	9·15	7·35	14·31	8·95	2·21	85·75	78·95	83·79

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TABLE VI.—Continued.

RAINFALL RETURNS, 1910.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1910.	Average in district 1910.	Total Jan.-Dec., 1909.
West Central District.															
Caroni, Frederick Estate	4·63	11·19	5·73	8·50	7·61	15·38	13·40	20·74	7·58	15·75	13·56	5·69	129·76	...	125·64
Chaguanas, Constabulary Station	2·15	9·48	1·63	2·54	5·15	8·40	6·47	12·94	9·65	7·42	7·96	2·22	67·01	...	82·78
„ Woodford Lodge Factory ...	1·91	7·98	1·38	2·20	5·37	7·09	6·95	13·00	9·41	7·57	8·16	2·46	73·48	...	88·67
Carapichaima, Waterloo Estate	1·99	9·06	1·09	3·07	4·68	8·55	9·04	13·26	10·77	8·81	6·75	2·91	79·98	...	83·48
Couva, Exchange Estate	1·48	9·71	1·30	1·60	3·48	4·82	5·51	9·46	7·64	6·98	5·79	2·26	60·03	...	69·66
„ Brechin Castle „	1·74	9·87	1·57	2·49	4·13	6·14	7·52	12·13	8·03	7·35	5·75	3·58	70·60	...	79·07
„ Perseverance „	1·29	9·31	1·54	2·45	3·68	4·92	6·68	14·88	8·84	6·93	5·79	2·83	69·14	...	67·66
„ Camden „	1·17	7·76	1·21	2·36	2·96	3·84	4·69	8·07	5·31	8·36	4·65	2·44	52·82	...	64·68
„ Milton „	1·57	9·76	1·57	2·77	4·06	6·50	7·61	10·95	5·46	7·96	6·43	2·83	67·47	...	73·76
„ Esperanza „	1·52	8·47	1·66	2·20	3·53	6·02	7·37	11·09	5·70	9·68	6 69	3·17	67·10	...	70·76
„ Spring „	2·20	12·50	3·05	3·60	4·14	8·80	6·75	10·42	6·71	11·48	7·98	3·83	81·46	74·83	
San Fernando-Princestown District.															
Claxton's Bay, Forres Park Estate	2·29	7·47	1·16	2·13	3·67	5·27	6·90	8·52	4·80	4·65	6·99	2·29	56·14	...	68·07
Pointe-à-Pierre, Bonne Aventure Estate	2·08	7·05	2·27	3·22	4·57	10·59	6·12	8·41	7·62	10·10	7·97	3·93	73·93	...	71·87
„ „ Plein Palais Estate	1·18	7·08	1·41	4·30	3·46	8·76	7·00	12·90	5·17	10·85	8·71	2·85	73·67	...	69·20
„ „ Concord „	1·15	9·05	1·85	3·55	3·85	9·40	7·20	10·75	9·60	11·22	8·28	3·86	79·76	...	68·23
Naparima, Picton Estate	1·43	5·71	3·20	2·05	4·24	9·00	7·06	8·79	7·79	6·16	6·43	2·23	64·09	...	72·57
„ Usine Ste. Madeleine Estate	1·58	11·28	2·69	3·79	2·75	9·14	12·04	10·86	4·98	8·33	10·36	2·92	80·72	...	69·52
„ La Fortunée Estate	·84	7·42	2·27	4·35	3·65	10·88	7·50	8·57	7·99	7·05	6·07	1·78	68·37	...	69 32
„ Craignish „	·00	9·90	0·41	3·40	4·25	8·05	10·30	13·46	3·10	8·43	8·96	3·74	74·00	...	80·85
„ Lewisville „	1·22	9·47	2·20	4·24	5·76	10·43	10·51	13·49	4·76	9·08	9·01	4·68	84·85	...	72·80
„ Union Hall „	1·22	7·30	4·57	3·94	3·78	10·93	9·00	11·52	6·37	7·15	6·74	2·53	75·05	...	...
„ Tarouba „	·74	9·01	3·18	2·99	2·20	7·83	8·90	13·00	4·54	6·72	12·26	2·96	75·33	...	...
Princes Town, Cedar Hill „	1·61	10·35	3·95	3·25	3·39	11·42	10·07	12·99	5·57	8·68	5·89	1·66	78·83	...	73·77

TABLE VI.—Continued.

RAINFALL RETURNS, 1910.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	Average in district 1910.	Total Jan.-Dec., 1909.
San Fernando-Princestown District.															
Princes Town, Williamsville Estate	1·40	8·97	3·35	3·68	3·30	12·16	7·95	14·34	6·13	12·13	8·07	3·79	85·27	...	...
,, ,, Constabulary Station	1·90	10·05	3·56	3·12	5·62	10·11	8·93	12·80	6·03	8·35	8·45	4·20	83·12	...	76·29
Savana Grande, New Grant Estate	2·73	9·96	3·33	3·68	5·47	12·42	10·02	13·05	4·03	11·74	9·78	4·67	90·88	...	81·80
,, ,, Malgretoute ,, ...	1·66	7·78	3·08	3·22	5·11	8·83	6·44	13·81	5·33	7·29	7·64	4·59	74·78	...	62·79
,, ,, Friendship and Ben Lomond Estate ...	1·00	7·95	4·10	2·00	3·20	7·80	9·05	12·90	6·30	5·55	5·90	1·00	66·75	...	59·65
Poole, El Rosario Estate	4·76	13·87	2·40	6·23	8·34	15·37	12·10	14·12	4·12	7·58	15·61	5·29	109·79	77·51	103·62
Montserrat District.															
Montserrat, Constabulary Station	2·60	12·85	1·82	3·27	3·27	8·10	10·92	12·87	5·12	9·06	8·05	3·17	81·10	...	94·06
Brasso, La Vega Estate	2·43	14·85	2·97	3·52	4·17	10·41	7·99	15·16	6·18	10·97	9·85	4·85	93·35	87·22	100·07
Arima District.															
Arima, Warden's Office	2·87	5·52	·40	2·17	3·90	9·53	6·50	6·62	2·94	7·07	10·07	3·49	61·08	99·92	...
Arima, Verdant Vale Estate	3·78	8·11	6·43	6·52	11·38	16·42	8·90	13·40	8·51	12·11	12·79	6·46	114·81	...	102·98
Arima, Torrecilla Estate	3·87	7·51	2·85	3·35	5·81	14·64	8·81	11·88	8·21	13·66	9·39	4·86	94·84	.	111·13
San Rafael, Constabulary Station	4·22	11·19	2·42	5·64	5·11	18·26	15·83	15·33	4·73	16·16	13·60	5·18	117·67	...	98·28
Guanapo, Talparo Estate	5·64	14·32	3·89	5·84	7·81	14·64	10·53	16·83	6·37	10·79	11·00	3·61	111·27	...	109·29
South West District.															
Oropuche, Pluck Estate	2·45	5·22	1·90	2·40	3·52	11·86	8·10	11·87	7·60	9·73	8·04	3·28	75·97	...	68·71
,, Constabulary Station	1·65	7·50	5.56	3·72	3·56	10·21	8·10	10·02	8·96	9·02	6·91	2·57	75·98	...	68·59
Siparia, ,, ,, ...	3·33	9·01	4·78	4·84	5·76	12·83	10·40	15·66	12·89	11·95	9·05	4·90	105·40	...	107·08
Cedros ,, ,, ...	3·38	8·21	5·42	4·63	5·16	9·97	6·13	11·52	2·69	12·82	7·32	3·31	80·56	...	54·27
Cap-de-Ville ,, ,, ...	1·50	5·07	8·23	8·51	4·35	19·61	8·06	13·23	8·02	6·76	8·23	4·58	96·15	...	85·84
Guapo, Adventure Estate	3·31	3·64	4·84	5·67	2·25	10·94	6·12	9·66	6.48	6·04	8·19	2·11	69·25	...	65·66
Erin, La Ressource Estate	2·26	4·75	5·51	2·83	3·96	10·92	6·39	15·00	5·30	8·94	9·12	6·85	81·83	...	59·92
Icacos, Constance Estate	13·05	21·10	10·50	6·20	14·30	26·05	11·70	36·45	5·00	8·65	6·20	6·20	165·40	93·80	...

TABLE VI.—Continued.

RAINFALL RETURNS,* 1910.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	Average in district 1910.	Total Jan.-Dec., 1909.
North Coast.															
Blanchisseuse, Constabulary Station	8·63	21·74	6·15	6·76	10·17	16·99	9·12	11·52	6·74	9·80	10·09	3·40	121·11	...	95·93
Grande Rivière, Mon Plaisir Estate	4·15	12·57	4·70	9·57	7·54	11·50	9·45	11·06	7·64	16·14	9·15	5·44	108·91	...	...
Toco, Aragua House	3·13	9·02	2·11	7·35	6·72	9·86	7·21	9·86	6·15	14·41	9·21	1·23	86·26	91·79	94·34
,, Constabulary Station	3·07	8·48	2·79	4·96	7·85	10·04	6·72	9·99	6·10	15·29	10·71	4·43	90·43	...	...
Point Galera Light House	2·21	3·77	0·30	2·69	4·81	5·70	4·75	3·05	3·53	12·00	7·01	2·42	52·24	...	...
East Coast.															
Matura, La Juanita Estate	8·35	12·08	5·81	5·93	10·42	11·84	9·75	11·07	9·38	20·14	13·46	4·42	122·63	...	120·76
Sangre Grande, Sta. Estella Estate	7·04	14·35	6·06	8·62	10·95	15·92	10·40	14·37	6·87	17·00	14·59	6·37	132·54	...	120·84
Manzanilla, Constabulary Station	7·41	16·52	3·40	9·62	9·12	13·20	12·13	15·87	10·51	17·92	19·64	5·85	141·19	132·12	110·24
Tobago.															
Tobago, Botanic Station	1·71	4·27	3·09	2·51	4·01	9·16	8·80	6·00	10·42	9·22	8·83	4·41	72·43	...	85·83
,, Hermitage Estate	5·45	7·98	9·58	4·20	8·44	10·56	8·52	8·73	10·09	15·03	14·60	5·15	108·33	...	115·78
,, Riversdale ,, ...	5·53	4·98	5·07	2·70	5·09	7·84	4·66	8·27	10·54	14·53	9·79	4·55	83·55	...	76·72
,, King's Bay ,, ...	5·13	8·13	6·53	3·86	4·88	9·39	4·90	7·40	10·26	9·73	11·35	3·81	85·47	...	97·44
,, Government Farm	·69	2·82	1·75	1·96	1·82	5·72	5·86	3·68	6·86	5·75	7·92	2·08	46·91	...	61·60
,, Roxburgh	4·58	9·57	9·22	4·33	5·49	10·46	5·64	10·84	11·08	15·12	12·38	6·23	104·94	83·60	113·70

* The rainfall for any district during previous years will be supplied on application to the Head Office. See also Bulletin No. 66.

TABLE VII.

MAXIMUM AND MINIMUM ANNUAL RAINFALL AT 75 STATIONS IN THE COLONY 1900–1910 INCLUSIVE.

STATION.	Maximum.	Minimum.	No. of years recorded.	Yearly average.	Rainfall 1910 for comparison.
NORTH-WEST DISTRICT.	Ins.	Ins.		Ins.	Ins.
St. Clair—Royal Botanic Gardens	72	51	11	61	68
Port-of-Spain—Colonial Hospital	61	38	9	51	54
,, Royal Gaol	67	45	8	56	62
,, Constabulary Head Quarters ...	79	34	9	57	61
St. Ann's—Coblentz Avenue	67	66	2	66	66
,, Reservoir	88	57	11	74	84
Maraval— ,, ...	88	68	11	77	88
,, Constabulary Station	94	70	11	83	86
Diego Martin— ,, ...	95	66	9	79	73
,, Waterworks	86	67	8	77	75
,, River estate	79	72	3	75	75
Fort George Signal Station	74	57	10	67	72
North Post ,, ...	150	61	11	82	86
Carenage Constabulary Station	81	59	11	69	79
Carrera Island—Convict Depôt	65	42	11	51	56
Chacachacare Lighthouse	67	30	10	49	61
SANTA CRUZ–MARACAS DISTRICT.					
Santa Cruz—Constabulary Station	97	62	11	79	87
St. Joseph— ,, ...	67	51	8	60	59
,, Government Farm	71	60	5	67	70
Maracas—Ortinola Estate	83	54	4	74	83
,, Government School	86	58	8	72	85
WEST CENTRAL DISTRICT.					
Caroni—Frederick estate	129	69	10	90	129
Chaguanas—Constabulary Station	83	53	11	67	67
,, Woodford Lodge	89	54	8	68	73
Carapichaima—Waterloo estate	83	51	8	74	80
Couva—Exchange estate	71	49	11	60	60
,, Milton ,, ...	74	62	4	67	67
,, Brechin Castle estate	79	62	8	65	70
,, Perseverance ,, ...	69	55	7	68	69
,, Camden ,, ...	65	53	4	58	53
,, Constabulary Station	71	59	8	63	71
Savonetta—Esperanza estate	71	48	10	56	67
SAN FERNANDO AND PRINCES TOWN DISTRICT.					
Claxton's Bay—Forres Park estate	68	53	8	57	56
Pointe-à-Pierre—Concord estate	80	62	3	70	80
,, Plein Palais estate	81	60	5	70	74
,, Bonne Aventure estate	74	62	4	68	74
Naparima—Usine St. Madeleine ,, ...	81	59	10	67	81
,, Picton estate	72	33	8	61	64
,, La Fortuné estate	69	55	4	62	68
,, Craignish ,, ...	81	74	2	77	74
,, Lewisville ,, ...	85	63	11	75	85
Princes Town—Constabulary Station	79	63	11	72	83
,, Williamsville estate	85	76	2	81	85
,, Cedar Hill estate	79	70	5	75	79
Savana Grande—New Grant	91	72	4	82	91
,, Malgretoute	75	63	3	71	75
,, Friendship and Ben Lomond estates ...	67	55	6	61	67
Poole—El Rosario estate	117	92	10	103	110

TABLE VII.—Continued.

MAXIMUM AND MINIMUM ANNUAL RAINFALL AT 75 STATIONS IN THE COLONY, 1900-1910 INCLUSIVE.

STATION.	Maximum.	Minimum.	No. of years recorded.	Yearly average.	Rainfall 1910 for comparison.
	Ins.	Ins.		Ins.	Ins.
Montserrat District.					
Montserrat Constabulary Station	94	58	10	74	81
Brasso—La Vega estate	100	72	3	88	93
Arima District.					
Arima—Torrecilla estate	111	86	11	96	95
„ Verdant Vale estate	115	93	6	100	115
„ Warden's Office	97	47	7	78	61
Cuanapo—Talparo estate	111	88	7	102	111
South-west District.					
Oropuche—Pluck estate	76	68	3	71	76
„ Constabulary Station	90	55	11	68	76
Siparia— „ „	107	61	11	83	105
Cedros— „ „	81	44	11	59	81
Cap-de-Ville „ „	96	71	10	84	96
Guapo—Adventure estate	81	56	9	69	69
Erin—La Ressource „	82	46	7	55	82
Icacos—Constance „	165	48	9	74	165
North Coast.					
Blanchisseuse—Constabulary Station	121	70	11	89	121
[illegible]—Aragua House	110	83	11	93	86
[illegible] Rivière—Mon Plaisir estate	124	93	7	108	109
[illegible] Galera—Light House	59	44	9	51	52
East Coast.					
[illegible]anilla—Constabulary Station	141	96	10	109	141
[illegible]a—La Juanita estate	122	114	3	119	122
[illegible]re Grande—Santa Estella	133	90	10	115	133
Tobago.					
[illegible]nic Station	113	64	11	79	72
[illegible]nitage estate	116	86	3	103	108
[illegible] Bay „	97	79	3	87	85
[illegible]iversdale „	77	64	3	74	83
[illegible]nment Farm	72	46	10	57	47
Roxborough	114	105	2	109	114

BOTANICAL DEPARTMENT, TRINIDAD AND TOBAGO.

Annual Report for the year ended March 31, 1911.

THE DIRECTOR, DEPARTMENT OF AGRICULTURE.

SIR,

I have the honour to submit the Annual Report for the above year. Mr. Meaden's report on the Tobago Station for the same period is attached.

Establishment.

The year under report was unique as regards changes in the staff:—

Mr. Frank Evans, Curator, Government House Gardens and Experiment Station was granted one year's leave of absence and left the Colony on May 3, 1910. Mr. Guy St. Clair Feilden, B.A., was appointed to act for him, arrived in the Colony from England, May 11, and took up his duties on May 12.

Mr. John Bennett Carruthers, F.R.S.E., F.L.S., who assumed duties as Assistant Director of Agriculture and Government Botanist on September 1, 1909, died on July 17, 1910. Although his tenure of office was short, Mr. Carruthers exhibited a lively interest in matters agricultural and displayed much energy in his work. His death is recorded here with regret. Mr. Feilden meanwhile carried on the duties of the Department, but Mr. Broadway—Curator, Tobago Station—assumed duties on July 29, 1910, under designation "Officer in Charge" pending the appointment of an Assistant Director.

Mr. W. E. Augustus—Agricultural Instructor, Tobago Station—was appointed to act for Mr. Broadway in that Island and, upon securing a more valuable appointment in British Guiana, he severed his connection with the Department on October 12, 1910. Mr. E. R. Ruiz was temporarily appointed in place of Mr. Augustus as Acting Curator and Agricultural Instructor, Tobago Station. Mr. Henry Meaden was, during Mr. Ruiz illness placed in partial charge.

Mr. F. G. Scott—Overseer—resigned his post on November 9, to take up an appointment offering more favourable advantages in British Honduras, and from among the applicants for the post Mr. J. A. Pinder was selected and assumed duties on December 1, 1910. It is I think, fitting to state that Mr. Pinder underwent training as a Cadet at the Experiment Station and acted as Overseer from June, 1908 to October 31, 1909.

Mr. Benjamin Crosby was promoted from the Tobago Station to the position of Foreman of Government House Gardens, Trinidad. He arrived and took over his new duties on October 7, 1910.

The Officers—Mr. Evans excepted—were not absent for any long period during the year, The Officers at the Experiment Station have worked well, and although the duties of the Department have increased, their co-operation must be reckoned with in its progress for the period under report.

Herbarium and Library.

The Herbarium has been maintained as usual and specimens have been added. Books have been received and filed in the Library in the customary manner.

Agricultural Shows.

Unlike last year, shows were not held at different centres in the Colony. There was but one show, held at Port-of-Spain, to which exhibits were sent from the Experiment Station at St. Clair.

Meteorology.

The usual rainfall record at the Experiment Station has been kept. The Seismographs which was started at the Experiment Station in 1900, was out of order for 9 months, thus making it impossible to submit the usual returns to Professor Milne of Shide Observatory, Isle of Wight. This instrument has since been repaired by Mr. Walker of the Railway Department. There has also been no record of sunshine during four months of the year as will be seen from the return (table V. p. 13.) A table of Meteorological observations at the Experiment Station is appended (p. 12.)

Pasture Trees.

The usual attention has been paid to the trees under the control of this Department on the Queen's Park Savannah and other Government lands.

Cacao Plot, Experiment Station.

The cacao plot at the Experiment Station has received special attention, which is being continued. The large spreading Saman trees were cut out, and the Cacao trees allowed no overhead shade. After lightly forking the surface soil a heavy mulch of grass, trimmings, etc., was applied throughout the plot It is but right to say that the trees were in a dying condition

Report on the Department of Agriculture.

Part I.—ADMINISTRATIVE.

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AGRICULTURE.

Annual Report of the Director, Department of Agriculture for the years ended 31st March, 1912, and 31st March, 1913.

Part I.—Administrative.

Council Paper No. 152 of 1913. *M.P. No. 7584/13.*

The Hon'ble
COLONIAL SECRETARY.

SIR,

I have the honour to submit Part I of the above reports.[1]

The report on field experiments and other investigations will form Part II and will be submitted as soon as the results for the crop year have been obtained. In future, Part I will be submitted earlier and Part II soon after the close of the crop year.

The routine work of the various branches of the Department has been carried out on the whole satisfactorily.

BOTANICAL DEPARTMENT.

In the Botanical Department a good deal of attention has been given to the expenditure under the vote for Maintenance, and by improved methods of supervision and a better organization generally, (introduced by the present Assistant Director,) there has been a saving of £464 0 9½ under this head, and a total saving of no less than £1,387 13 11 on an estimate of £5,501 4 0 for his Department in the year 1912–13.

The total amount voted in the Estimates, the total expenditure, and the total saving for the last two years are as follows :—

	Total Vote.	*Total Expenditure.*	*Savings.*
1911–12 ...	£5,293 17 8 ...	£5,231 19 10½ ...	£ 285 14 6½†
	223 16 9* ...		
1912–13 ...	£5,501 4 0 ...	£4,113 10 1 ...	£1,387 13 11

The demand for grafted mangoes at the reduced price has been very considerable and many of the orders still remain unfulfilled owing to the absence of grafting stock. Large numbers will be grafted each year, and it is hoped that within a fews years this fruit may be easily obtainable in the local markets.

STAFF APPOINTMENTS, &c.

PLANT PROTECTION ORDINANCE.—This Ordinance came into force in December, 1911, and the following diseases and pests have been proclaimed :—

Bud Rot, Stem bleeding disease of Coconuts, and
Bird Vine (*Loranthus*).

The registration of nurseries as called for by the Ordinance has been carried out ; registered nurseries are now inspected.

The Assistant Director has accepted the appointment of Chief Inspector with a staff of four Inspectors : Messrs. J. B. Rorer, F. W. Urich, P. L. Guppy and W. E. Broadway.

CURATOR, TRINIDAD.— Mr. J. C. Augustus, Manager of *River* Estate, was recommended for promotion to the position of Curator in the Botanical Department and has since taken up this appointment whilst retaining the supervision of the management of *River* Estate. He planned and carried out the extensive series of experiments on cacao cultivation to my entire satisfaction and is still in charge of them and *River* Estate. He gained experience almost entirely in the Botanical Department and has risen from the position of Student Cadet to that of Curator.

CURATOR, TOBAGO.—The duties of the Curator of the Botanic Station, Tobago, were by no means onerous and advantage was taken of a suitable opportunity to combine the duties of Curator and Agricultural Instructor in that Ward.

This re-arrangement of the Staff of the Botanical Department will probably result in greater efficiency as well as economy.

FIELD EXPERIMENTS.—These have become so extensive that it was found necessary to recommend the appointment of Mr. Joseph de Verteuil as Superintendent in addition to his duties as Analyst, and the appointment of Mr. D. C. Plummer as Assistant Superintendent who is in actual charge of the field work. Owing to economies effected in the Botanical Department it was possible to make these new appointments without increasing the total vote of the Department.

* Supplementary vote.
† Deducting supplementary vote there is a saving in 1911–12 of only £60 17 9½.

GOVERNMENT FARMS.

The introduction of improved breeds of stock is being pushed forward as rapidly as funds permit, and special attention is now being given to the improvement of the milking qualities of the cows. The death of two newly imported bulls has been a great set back in this connection. The death rate generally has been abnormally high, abortion being fairly prevalent for a time.

Every effort is being made to reduce the expenditure of the Farms, but the increasing prices of imported foodstuffs have proved a great obstacle in this direction. The Farm is now growing its own maize as an experiment and this may effect a considerable reduction.

It was found necessary to increase the charge for stabling mares to ten shillings per week.

Detailed accounts are now kept of the average weekly cost of feeding stuffs for each kind of stock kept. These returns contain useful information and will be published in due course.

The sale of butter has been discontinued. Although of excellent quality the milk used in its manufacture could be sold locally for a higher price.

The retail price of milk to private customers has been raised slightly. The milk supplied to public institutions is still sold at the reduced price of one shilling per gallon which is half the usual retail price.

In order to still further reduce the expenditure of the Tobago Farm it was found necessary to sell all the animals except those required for stud purposes. This Farm has proved a rather costly investment and the benefits derived by Stock breeders in Tobago are small in comparison with the expenditure.

The Manager of the Tobago Farm has been allowed to make a weekly inspection of meat in the Scarborough market, and during the outbreak of Dysentery to assist the Commissioner Warden in sanitary measures.

The Cleveland Bay Stud recently imported for Tobago is a fine specimen of his breed and deserves to be appreciated.

ST. AUGUSTINE ESTATE.

It was found necessary to dismiss the Overseer for irregularities in his account books and for misappropriating a sum of about £35 which has since been repaid.

He had held the position of Overseer before and since the Estate was bought in 1900 by the Government.

From 1900 to 1908 the management of this Estate was controlled by the Colonial Secretary, and the Manager's accounts were audited by the Audit Office direct. Since 1908 (when the Estate became part of the Department of Agriculture) this system of auditing was continued, and no complaint had been made against the accounts or the method of keeping them.

In consequence of these irregularities the accounts are now audited through the Head of the Department in the usual manner and a better check may be expected.

Immediately after the first irregularity was discovered the rent roll was carefully examined, and a statement of outstanding accounts prepared. This was followed by a joint field inspection by the Manager and the Manager of *River* Estate during which every tenant was visited on his holding and his receipts scrutinised. The result of this thorough inspection did not show any serious additional irregularities.

A financial statement (Council Paper No. 88 of 1913) showing the receipts and expenditure in each year since the Estate was bought by the Government and a statement of assets and liabilities is appended.

AGRICULTURAL EDUCATION.

Several Officers of the Department take a share in Education work.

The Home Reading Courses are now conducted by the Assistant Director. These courses were established to meet the requirements of those already employed on Estates and are similar to the correspondence classes which have proved such a boon to young men in other Countries. I have reason to believe that the existence of these classes is not yet as widely known as it should be. The number who did the work of the Course last year was 25.

The Curators of the Gardens at St. Clair and Tobago, the Managers of the Government Farm and *River* Estate have charge of the Student apprentices at each of their Stations. They are making fair progress, some of them take part in recording the results of the experiments carried out at the Stations and others are actually employed in some branch of Agricultural work. They have unusual opportunities, and I hope to see some of them take a prominent part in Agricultural instruction.

The recent formation of district branches of the Agricultural Society has afforded a long-wished-for opportunity to bring a sufficiently large number of planters together to justify visits of the Officers of the Department to these sometimes remote centres for the purpose of giving field demonstrations and short addresses on Agricultural subjects. This promises to be another useful direction in which the Officers of the Department can be brought into closer touch with the Planters.

The course in higher Agricultural Education connected with the two Colleges has been continued at the Laboratory and with continued success. Two distinctions have been secured at the last Cambridge Local Examination by students of the Royal College. Since this course was started in 1905 ten distinctions have been gained.

A report in Agricultural Education has been prepared by Committee appointed by the Government, and as an outcome of this, provision for two scholarships is to be included in the next Estimates for consideration.

The Carmody prize for Higher Agricultural Education in 1911 was awarded to A. R. Harris, J. Corbie, V. St. Lucas and H. P. Wells and for 1912 to J. Laltoo and W. R. A. Weatherhead both of the Royal College; the prizes at the School Shows in 1913 were won by S. Smith, Arouca, Government School, W. T. Norville, St. Clement E. C. School F. de Lande, Hardbargain, Government School, A. N. Raymond, Western Boys' R. C. School, T. L. Stephenson, Upper Moriah, Tobago, and the prizes for Cotton Cultivation in Tobago by H. Horsford, 1st prize, J. E. Roberts, 2nd prize, G. Elliot 3rd prize.

Cacao Prize Competition of the Board of Agriculture is under my direction, and the two travelling Instructors of the Board specially employed on this Competition are doing most useful work among small proprietors and contractors. Instructions by these two experienced agriculturists are given on the holdings and liberal money prizes are awarded at the end of each year to those who have produced the best results in cacao cultivation.

Already these two classes of cultivators have derived appreciable benefits from this form of instructions—some to a very considerable extent; but the benefits will be more marked in the future when our Cacao Estates will be built up from the start by skilled labour.

During my long period of service here I have not seen any method which has so rapidly gained the confidence of small cultivators, and which has awakened in them so strong and widespread a desire for agricultural instruction and information.

Arrangements have been made for keeping in touch with previous prize winners by a special competition for them. They will also be supplied with the Bulletin of the Department. From among these we should be able in the future to select suitable Agricultural Instructors.

It will be seen from the foregoing that Agricultural Education in Trinidad has taken many forms in order to meet the wants of the several classes of cultivators; and when the proposal of establishing a College of Agriculture in the Tropics is agreed to, the steady progress made here during the past thirteen years in laying the foundations and carrying out several schemes of Agricultural Education will place this Colony in a foremost position as the most suitable centre for such a College.

SEISMOGRAPH.

This instrument which for some time had been out of order was repaired by Mr. C. Rainsford Walker of the Engineering Department of the Government Railway. His skill and ability in the adjustment of delicate instruments is not as well known locally as it deserves to be. To send the injured part to England for repairs, as was at first proposed, would have cost a sum out of all proportion to the value of the instrument as an earthquake recorder.

RAINFALL RETURNS.

These have been classified so as to show the rainfall in eleven districts and in this form will be more useful for Agricultural purposes. The rainfall of the Colony is very unevenly distributed; but on the whole is heaviest on the East and North-eastern side and diminishing as a rule towards the West.

A circular has also been issued showing the maximum, minimum and average rainfall at each station for a period of years, and usually for 10 years.

P. CARMODY,
Director.

16th October, 1913.

Table 1.

METEOROLOGICAL RESULTS FOR 1911. OBSERVATIONS TAKEN AT THE ST. CLAIR EXPERIMENT STATION.

MONTH.	BAROMETER. Reduced Readings. 7 A.M. Bar.	3 P.M. Bar	THERMOMETER. Dry & Wet Bulb. 7 A.M. D.	W.	3 P.M. D.	W.	Mean Maximum.	Mean Minimum.	Mean Temperature, Blackened Bulb in Vacuo.	Mean Temperature, Thermometer on Grass.	Humidity.	Tension of Aqueous Vapour.	Rainfall.	Dew Point, 7 A.M.	Dew Point, 3 P.M.
1911.	In.	In.	°	°	°	°	°	°	°	°	°	°	In.	°	°
January	30·026	29·980	70·8	69·2	81·6	73·9	85·1	67·0	154·0	...	74·	·708	1·61	67·9	69·8
February	30·021	29·977	72·1	70·4	79·5	74·2	82·9	73·9	149·5	...	82·	·733	1·51	69·1	70·6
March	30·033	29·966	72·0	71·1	82·9	74·1	86·4	66·2	162·1	...	77·	·686	1·86	74·0	65·9
April	30·027	29·962	73·7	71·7	85·5	75·4	88·7	43·9	100·1	...	72·	·733	·74	70·1	69·7
May	30·032	29·974	76·2	73·4	85·4	74·1	86·9	70·4	...	..	74·	·710	1·27	71·4	66·7
June	30·024	30·002	75·6	74·0	81·8	76·3	87·1	69·1	..	..	82·	·812	7·15	72·8	72·6
July	29·994	29·986	74·8	73·0	83·0	77·6	86·7	73·0	...	...	82·	·812	4·73	71·7	74·0
August	29·951	29·922	73·9	73·6	79·1	77·2	86·2	72·2	...	...	88·	·790	13·68	67·7	75·8
September	29·981	29·923	74·1	73·1	82·8	77·3	87·6	71·3	151·2	58·8	83·	·812	4·03	72·3	73·6
October	29·999	29·940	74·1	73·0	85·0	73·6	86·6	...	152·2	65·0	73·	·712	10·22	72·2	66·1
November	29·965	29·910	72·4	71·0	81·6	75·3	85·2	...	151·6	66·7	82·	·746	3·57	69·9	71·0
December	30·002	29·954	72·3	70·2	81·8	76·5	84·9	...	152·1	26·6	86·	·802	3·53	68·6	72·5
Monthly Average for year...	30·004	29·958	73·5	71·9	82·5	75·4	86·1	68·5	146·6	54·2	79·	·754	4·49	70·6	70·8

Mean daily height of Barometer 29·981 — Mean Annual Temperature.. 77·3 — Total Rainfall ...53·90

Station—66·7 feet above sea level.

Table 2.

SUNSHINE RECORD FOR THE YEAR 1911.

Date.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.

No Sunshine record for 1911.

Table 3.

ROYAL BOTANIC GARDENS, ANNUAL RAINFALL 1862 TO 1912, INCLUSIVE.

Year.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Rainfall.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Inches.
1862 ...	...	·66	·77	·25	1·41	8·47	10·36	9·57	11·97	6·60	10·06	3·03	63·15
1863 ...	1·54	2·71	1·45	·85	1·26	9·12	10·12	10·53	12·11	6·24	4·30	6·57	66·80
1864 ...	2·51	·53	·36	·04	8·15	4·96	7·17	12·06	8·04	6·53	5·94	6·61	62·90
1865 ...	2·62	3·20	1·07	7·98	3·22	5·64	10·35	14·83	7·32	14·62	4·81	9·62	85·28
1866 ...	2·24	3·91	1·44	1·09	1·45	6·59	7·83	12·34	5·87	10·11	8·17	6·82	67·86
1867 ...	1·31	6·36	·83	1·32	2·33	5·30	12·20	15·21	10·45	7·87	·67	2·71	66·56
1868 ...	2·06	·82	3·20	·64	4·17	7·78	11·35	6·73	5·46	4·66	8·31	1·03	56·21
1869 ...	·08	·93	·74	·41	·69	5·52	10·17	8·74	8·86	5·15	6·30	5·87	53·46
1870 ...	2·61	·56	1·46	1·51	4·65	8·81	11·91	9·00	10·63	3·98	5·94	8·29	69·35
1871 ...	6·62	1·40	2·89	·92	3·97	8·84	11·73	12·97	7·87	4·37	10·73	3·27	75·58
1872 ...	1·45	·07	·74	·39	3·14	7·09	5·45	10·82	3·07	4·80	9·89	3·04	49·95
1873 ...	1·78	1·08	1·98	·53	0·00	4·31	5·04	8·37	5·80	10·34	3·48	1·31	44·02
1874 ...	3·47	1·96	3·67	5·16	2·51	12·28	12·28	11·20	9·38	6·42	3·66	4·29	76·28
1875 ...	3·39	·91	·56	·42	2·61	4·15	12·62	7·22	11·95	10·85	3·74	2·48	60·90
1876 ...	3·26	1·03	1·78	1·67	6·65	11·17	12·23	15·18	12·03	7·04	5·95	3·96	81·95
1877 ...	2·14	...	7·46	3·38	3·19	8·43	8·35	12·94	6·39	6·68	7·66	5·48	72·10
1878 ...	3·44	·70	...	3·22	4·99	5·78	5·42	8·88	11·15	5·89	8·72	3·05	61·24
1879 ...	1·52	2·76	4·56	3·03	3·08	14·92	6·86	10·35	6·15	3·54	4·28	4·38	65·43
1880 ...	11·72	6·53	·67	2·32	3·90	7·83	6·30	17·39	7·47	5·74	10·51	1·96	82·34
1881 ...	·57	·65	·23	1·60	4·66	11·05	7·82	10·90	10·59	3·36	12·06	2·23	65·72
1882 ...	1·33	2·38	·73	1·57	3·74	6·33	5·93	8·40	4·93	5·86	10·29	1·50	52·99
1883 ...	1·56	·71	·26	3·37	5·89	10·91	13·66	10·26	5·53	3·99	6·06	8·30	70·50
1884 ...	3·43	2·50	4·40	1·51	2·91	6·84	5·71	8·70	5·03	5·05	5·14	5·66	56·88
1885 ...	1·30	·89	1·49	·43	5·27	3·44	5·87	4·56	6·08	4·08	5·37	4·44	43·22
1886 ...	3·32	1·97	3·27	3·83	4·49	9·70	17·48	8·15	6·73	12·59	8·54	6·75	86·82
1887 ...	2·69	1·46	1·67	1·08	3·98	7·40	5·51	9·93	5·07	5·84	7·60	11·86	64·09
1888 ...	8·37	1·79	2·41	2·28	3·46	11·92	6·89	7·02	5·53	5·06	7·76	2·95	65·44
1889 ...	·94	·85	4·16	1·05	6·34	11·66	12·14	11·73	3·76	6·30	7·38	7·48	73·79
1890 ...	7·76	·51	2·09	7·62	5·14	9·68	12·89	11·65	3·37	10·98	5·93	5·28	82·90
1891 ...	3·17	·92	·03	1·44	2·54	5·54	11·88	4·26	7·44	5·77	6·66	4·09	53·74
1892 ...	1·93	2·19	1·85	7·59	11·55	16·26	15·55	9·21	3·57	11·49	5·40	4·69	91·28
1893 ...	3·43	1·85	·19	3·61	11·35	10·19	13·28	16·32	11·73	5·47	7·84	7·23	92·49
1894 ...	3·22	2·36	3·12	1·22	2·69	3·26	4·53	12·06	5·48	3·93	7·28	3·16	52·31
1895 ...	2·52	1·33	2·27	2·52	2·11	5·00	2·57	4·86	5·69	10·89	15·15	7·32	62·23
1896 ...	7·08	·88	1·59	2·33	1·62	10·29	6·35	7·66	6·46	6·05	9·81	6·33	66·45
1897 ...	1·67	·75	3·96	·26	5·58	11·19	13·88	7·90	9·83	8·87	9·39	4·40	77·68
1898 ...	3·05	2·18	2·10	1·17	1·49	6·46	5·87	10·55	7·13	6·15	9·13	3·57	58·85
1899 ...	1·95	1·82	1·00	·75	·52	7·63	4·44	8·45	2·18	6·34	8·07	3·61	46·76
1900 ...	3·56	·76	2·72	4·10	4·14	12·99	7·95	11·07	5·52	6·53	5·35	2·45	67·14
1901 ...	1·95	1·51	1·85	·35	6·45	9·21	8·38	7·53	4·26	4·97	7·93	4·83	59·22
1902 ...	2·56	·51	1·18	1·78	2·14	10·05	5·20	11·67	7·22	7·40	2·74	2·89	55·34
1903 ...	1·51	·68	1·54	2·17	·95	5·42	9·40	9·45	11·41	2·12	2·59	4·20	51·44
1904 ...	3·00	2·56	4·24	2·50	2·76	6·23	8·03	4·72	8·81	5·65	3·61	4·32	56·43
1905 ...	2·41	·59	3·74	1·79	4·34	6·01	9·49	11·09	10·43	6·94	10·69	4·16	71·68
1906 ...	·43	·50	·73	·46	7·96	10·95	11·42	8·55	6·54	3·80	5·00	5·64	64·98
1907 ...	5·22	·44	1·71	·09	4·58	11·01	11·02	5·77	7·76	7·65	10·69	4·10	70·04
1908 ...	·75	·45	1·79	·95	5·32	5·22	5·87	7·72	5·45	5·45	2·65	8·68	50·30
1909 ...	5·69	2·43	1·15	1·78	3·87	8·31	10·72	6·29	6·95	7·15	3·93	6·31	64·58
1910 ...	2·79	4·38	1·75	2·01	2·76	6·34	6·40	13·89	8·27	9·21	8·49	1·90	68·19
1911 ...	1·61	1·51	1·86	·74	1·27	7·15	4·73	13·68	4·03	10·22	3·57	3·53	53·90
1912 ...	0·62	...	0·74	0·03	2·18	7·54	12·16	5·56	5·87	2·73	6·28	5·64	49·35
Grand Total ...	145·15	80·43	97·45	99·11	195·42	418·17	460·76	503·89	370·62	342·32	351·50	243·27	3308·09
Avg. Monthly Rainfall for 51 yrs., 1862–1912.	2·45	1·57	1·91	1·94	3·83	8·19	9·03	9·88	7·26	6·71	6·89	4·77	64·86*

* 51 years yearly average.

Table 4.

RAINFALL—RETURN FOR 12 MONTHS ENDING DECEMBER, 1911.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1912.	Total for 1911.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
NORTH WEST DISTRICT.														
Royal Botanic Gardens—St. Clair	1·61	1·51	1·86	0·74	1·27	7·15	4·73	13·68	4·03	10·22	3·57	3·53	49·35	53·90
Colonial Hospital—Port-of-Spain	1·37	1·76	1·84	0·62	1·57	6·30	2·39	10·70	3·20	7·19	3·67	2·04	36·04	42·65
Royal Gaol, Port-of-Spain	1·52	1·79	2·10	0·63	1·61	7·36	3·60	11·36	4·50	7·36	4·04	2·86	44·39	48·73
Constabulary Head Quarters, Port-of-Spain	1·48	1·74	3·02	0·78	0·54	5·93	5·23	11·62	3·50	6·90	3·08	3·81	44·68	47·63
Reservoir—St. Ann's	1·90	1·79	2·25	1·25	1·82	7·05	4·68	18·00	3·20	8·06	3·67	2·34	64·97	56·01
Reservoir—Maraval	2·27	1·85	3·10	1·72	1 79	7·36	6·05	17·08	5·34	8·06	6·57	3·87	62·70	65·06
Constabulary Station, Maraval	2·85	1·82	4·26	1·14	1·52	7·55	6·32	18·56	6·06	6·62	5·23	2·08	64·40	64·01
Constabulary Station, Diego Martin	1·43	3·67	2·73	2·24	0·98	11·08	8·19	17·86	6·64	4·94	5·20	4·01	66·92	68·92
Waterworks, Diego Martin	2·36	3·25	2·01	1·65	0·64	9·85	7·97	16·32	6·55	5·20	5·28	3·38	62·36	64·46
River Estate, Diego Martin	2·00	2·98	1·92	1·08	0·55	10·93	8·17	15·35	7·09	4·68	4·32	2·97	62·03	62·04
Signal Station, Fort George	2·83	1·82	2·55	1·27	1·33	7·33	4·79	13·46	3·01	7·78	3·32	3·67	51·87	53·16
Signal Station, North Post	1·82	2·66	1·66	0·66	0·78	6·97	7·29	14·17	4·95	6·72	1·92	2·19	53·87	51·79
Constabulary Station, Carenage	2·30	2·35	2·06	2·15	2·45	12·44	6·86	21·03	4·56	8·06	3·66	3·77	56·50	71·69
Convict Depôt, Carrera	1·75	2·77	1·71	0·48	1·80	8·86	4·62	8·15	3·26	5·60	4·35	1·57	41·68	44·92
Light House, Chacachacare	2·17	2·05	2·69	3·13	2·40	7·20	8·54	3·41	3·41	2·63	4·81	2·01	38·54	44·45
SANTA CRUZ-MARACAS DISTRICT.														
Constabulary Station, Santa Cruz	2·69	1·90	3·82	2·02	1·76	9·74	6·94	15·43	2·84	5·75	6·34	1·95	64·84	61·18
Government Farm, St. Joseph	3·01	1·97	1·62	2·00	0·90	8·90	2·97	14·38	3·98	6·74	3·66	2·23	52·48	52·36
Constabulary Station, St. Joseph	1·72	1·23	0·87	1.21	0·64	9·49	3·05	13·35	2·62	6·05	4·73	1·54	46·93	46·50
St. Augustine Estate, Tunapuna	0·92	1·18	0·61	2·38	1·27	8·35	2·86	15·73	4·04	6·01	3·37	2 00	46·89	48·72
Government School—Maracas	3·74	1·41	3·66	1·10	1·93	7·75	5 17	9·98	1·94	5·83	6·37	2·70	56·68	51·58
Ortinola Estate—Maracas	4·87	1·85	4·12	1·13	1·76	6·04	3·55	10·70	1·88	5·27	6·05	3·82	56·76	50·54
Wardour Estate—Caura	...	...	...	...	...	...	...	...	...	..	...	...	...	...
Carried forward	...	...	...	...	...	...	...	...	...	...	...	...	...	1150·80

Table 4.—Continued.

RAINFALL—RETURN FOR 12 MONTHS ENDING DECEMBER, 1911.—*Continued.*

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1912.	Total 1911.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
Brought forward	...	...	...	...	...	...	...	...	...	...	...	...	...	1150·30
West Central District.														
Frederick Estate, Caroni	2·89	3·87	2·28	5·23	2·16	17·78	8·05	15·99	5·87	10·83	7·83	5·69	86·22	88·47
Constabulary Station, Chaguanas	1·85	2·34	0·47	1·49	0·91	12·62	5·05	11·52	4·82	3·48	5·91	4·20	60·64	54·66
Woodford Lodge Estate, Chaguanas	2·13	2·18	0·40	1·70	1·23	11·78	5·06	10·84	4·63	3·72	5·64	3·76	60·39	53·37
Waterloo Estate, Carapichaima	2·15	2·01	2·36	1·89	2·24	15·68	5·32	14·78	5·12	6·83	7·62	3·30	59·35	69·30
Friendship Hall Estate, Carapichaima	...	...	0·35	2·05	0·80	15·15	5·10	13·75	4·20	6·40	6·85	4·15	72·32	...
Exchange Estate, Couva	0·68	1·42	0·83	0·93	1·09	11·72	4·78	12·43	4·16	5·70	4·91	1·31	48·88	49·96
Brechin Castle Estate, Couva	1·39	1·78	0·93	1·24	1·71	14·62	6·14	13·95	4·53	4·05	5·61	2·81	55·86	58·76
Perseverance „ „	1·45	1·77	1·21	0·91	2·35	13·67	5·30	13·91	4·37	6·34	5·43	2·20	52·03	58·91
Camden „ „	0·96	1·67	0·37	1·46	1·33	11·01	5·27	13·93	4·79	5·01	4·30	1·48	54·72	51·58
Milton „ „	1·28	1·34	1·66	2·77	0·43	15·05	6·85	15·63	4·52	5·32	5·08	2·41	51·36	62·34
Spring „ „	1·05	1·72	0·90	4·07	0·74	14·93	5·42	13·94	3·54	3·94	6·03	2·64	59·07	58·92
Constabulary Station, Couva	1·16	1·83	0·81	1·59	1·74	11·87	4·51	15·01	5·47	4·35	7·38	2·10	56·74	57·82
Esperanza Estate, Savonetta	0·52	1·69	1·00	1·32	1·15	13·50	6·48	9·22	3·55	3·07	4·47	2·61	48·95	48·58
San Fernando-Princestown District.														
Forres Park Estate, Claxton's Bay	0·68	2·35	0·18	2·82	1·33	15·19	6·16	11·56	3·71	4·70	4·89	2·46	47·78	56·03
Bonne Aventure Estate, Pointe-à-Pierre	1·59	1·55	1·26	2·62	1·28	14·65	6·90	9·81	8·32	5·01	6·82	1·96	60·06	61·77
Concord „ „	1·44	1·96	0·91	2·33	1·07	18·64	7·11	11·87	9·77	5·78	6·21	2·43	60·67	69·52
Plein Palais „ „	1·13	1·74	1·01	1·86	0·36	17·38	4·81	10·94	8·55	4·10	5·54	1·27	50·58	58·69
Picton Estate, Naparima	0·94	1·77	1·20	1·74	1·85	17·16	4·83	8·36	3·63	3·56	4·73	3·23	47·56	53·00
Usine Ste. Madeleine Estate, Naparima	1·49	1·78	2·61	2·31	1·85	20·75	4·69	10·69	6·20	2·08	7·04	2·05	57·71	63·54
Carried forward	...	...	...	...	...	...	...	...	...	...	...	...	...	2225·52

Table 4.—Continued.

RAINFALL—RETURN FOR 12 MONTHS ENDING DECEMBER 1911.—*Continued.*

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total. 1912.	Total for 1911.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
Brought forward	...	...	...	...	...	...	...	...	...	...	...	...	...	2225·52
SAN FERNANDO-PRINCESTOWN DISTRICT.														
La Fortunée Estate, Naparima	0·69	1·71	0·91	1·17	1·00	15·53	4·50	7·65	3·01	4·78	6·78	1·71	49·87	49·44
Cruignish „ „	1·66	1·42	0·65	1·03	0·85	17·78	5·03	6·71	2·09	5·03	6·50	2·97	53·84	51·72
Lewisville „ „	1·68	1·96	2·01	2·29	1·33	21·97	6·96	12·63	7·88	4·38	6·97	1·99	63·34	72·05
Taronba Estate „	0·90	1·72	2·21	1·97	1·01	14·23	3·55	8·30	5·78	1·88	3·99	0·86	39·46	46·40
Union Hall „ „	0·78	1·62	1·69	1·22	2·05	18·38	4·33	8·75	4·28	2·62	5·38	1·55	51·35	52·65
Palmiste „ „	0·61	1·87	1·67	1·93	1·80	17·39	4·79	8·57	4·08	5·09	7·33	2·77	58·15	57·90
Hermitage „ „	...	...	...	...	...	...	4·68	8·70	4·22	3·05	6·25	2·20	49·23	...
Cedar Hill „ Princes Town	0·74	1·72	1·91	1·92	2·24	15·89	4·83	10·72	3·57	3·45	6·21	2·54	48·56	55·74
Williamsville „ „	1·52	1·50	1·75	1·12	1·98	18·40	2·05	8·89	3·00	5·23	6·57	3·75	55·37	55·76
Constabulary Station, „	1·46	2·37	1·71	1·40	2·18	18·37	8·11	7·75	2·31	3·87	6·13	3·18	52·85	58·84
New Grant Estate, Savana Grande	2·84	2·40	2·05	2·58	1·65	19·69	6·54	8·71	1·57	5·07	7·83	4·33	57·83	65·26
Malgretoute „ „ „	0·91	1·45	1·93	1·66	1·77	18·09	4·56	6·99	2·36	4·01	4·57	2·33	46·63	50·63
Friendship and Ben Lomond Estate, Savana Grande	0·39	0·96	0·58	1·42	1·15	19·15	2·14	5·75	3·34	3·58	5·84	3·21	52·73	47·91
El Rosario Estate, Poole	3·06	3·33	2·06	2·43	4·44	21·48	9·03	15·90	3·78	4·58	10·08	4·63	67·59	85·40
MONTSERRAT DISTRICT.														
Constabulary Station, Montserrat	1·48	2·60	0·65	3·82	1·57	16·23	10·38	10·52	2·48	5·10	6·40	2·92	64·31	64·15
La Vega Estate, Brasso	3·07	3·56	0·71	2·88	1·65	16·56	7·35	14·00	4·26	4·74	7·76	4·22	77·08	70·76
ARIMA DISTRICT.														
Warden's Office, Arima	1·37	1·02	0·38	2·47	3·54	13·12	1·32	6·83	2·94	2·67	3·39	1·44	47·26	40·49
Torrecilla Estate, Arima	2·53	3·14	1·02	3·77	5·63	20·14	6·22	16·31	3·03	5·73	7·76	5·29	78·12	80·87
Verdant Vale Estate, Arima	3·99	5·96	1·32	2·62	3·42	15·23	5·33	11·99	2·38	8·31	9·27	5·38	68·95	74·83
Constabulary Station, San Rafael	3·13	3·67	1·28	2·31	4·23	20·58	6·68	13·94	3·32	4·88	8·05	6·22	80·90	78·29
Talparo Estate, Guanapo	3·02	3·26	0·80	2·46	4·29	15·71	7·62	11·72	3·19	6·05	8·42	3·85	80·90	70·45
Santa Marta Estate, Tamana	.	...	...	2·57	5·25	16·94	9·29	17·48	5·29	8·76	10·35	7·28	102·56	...
Carried forward	...	...	...	...	...	...	...	...	.	...	...	...	...	3455·06

Table 4.—CONTINUED.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total. 1912.	Total for 1911.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
Brought forward	...	...	...	...	...	...	...	...	...	...	...	...	...	3455·06
SOUTH WEST DISTRICT.														
Constabulary Station, Oropuche	1·05	1·93	0·46	2·61	1·99	13·62	6·51	14·47	3·84	13·08	3·88	2·54	64·85	62·98
Pluck Estate, Oropuche	0·92	1·97	1·09	5·19	1·92	11·82	6·97	9·81	5·42	4·81	6·07	1·99	52·90	55·48
Constabulary Station, Siparia	1·65	2·53	1·30	1·46	1·21	18·70	7·51	15·64	4·37	3·18	6·63	5·98	78·53	68·11
Adventure Estate, Guapo	1·33	1·99	3·69	2·55	2·04	10·52	6·74	9·56	2·25	5·08	4·60	1·62	70·12	54·97
Constabulary Station, Cap-de-Ville	3·09	2·24	4·79	2·77	5·43	12·95	7·84	14·42	4·31	7·94	7·90	3·28	62·64	77·04
La Ressource Estate, Erin	1·23	4·55	3·74	1·34	0·50	13·67	4·31	8·40	3·47	7·38	7·83	4·25	57·99	60·67
Constabulary Station, Cedros	3·48	1·46	4·84	0·95	1·78	8·67	4·67	8·68	1·81	3·16	5·62	2·25	53·7	47·37
Constance Estate, Icacos	6·05	1·90	4·05	1·35	1·45	10·05	7·60	14·90	2·55	5·10	5·05	3·95	45·97	64·09
SOUTH COAST.														
Constabulary Station, Moruga	2·68	1·85	1·25	2·13	2·77	16·63	4·92	7·41	2·76	6·74	6·20	3·54	58·61	58·88
NORTH COAST.														
Constabulary Station, Blanchisseuse	7·04	4·92	5·44	2·34	1·45	16·37	7·91	11·75	2·06	8·03	6·61	4·62	72·21	78·54
Mon Plaisir Estate, Grande Rivière	4·16	9·25	5·43	4·60	6·48	21·66	8·39	14·22	3·85	7·05	7·67	5·14	90·46	97·90
Aragua House, Toco	5·35	7·43	2·69	2·66	5·91	20·42	5·99	9·25	5·18	6·00	5·55	3·85	67·42	80·28
Constabulary Station, Toco	3·80	5·99	2·16	2·77	5·62	18·04	5·32	7·74	2·55	4·39	5·03	3·68	65·94	67·09
Light House, Point Galera	0·30	3·22	0·26	0·78	1·42	10·48	1·17	4·69	0·60	3·80	5·44	1·58	39·65	33·44
EAST COAST.														
La Juanita Estate, Matura	4·95	5·11	2·41	3·45	7·53	19·12	7·14	12·97	3·25	13·06	9·91	5·88	83·68	94·78
Constabulary Station, Manzanilla	4·32	4·48	1·99	3·51	2·81	17·27	5·61	19·04	2·98	6·78	8·73	6·12	89·56	83·64
Sta. Estella Estate, Sangre Grande	4·38	5·24	2·67	2·60	4·53	18·64	7·01	18·04	3·36	5·69	10·88	7·63	90·39	90·67
New Lands Estate ,, ...	5·07	5·38	1·80	0·87	6·08	15·06	9·25	11·81	3·80	7·00	9·58	6·02	94·76	81·72
Evasdale ,, ,, ...	...	5·21	1·53	3·82	4·22	18·73	8·27	18·10	4·58	6·39	10·95	5·75	97·96	...
Grosvenor ,, ,, ...	...	...	...	3·66	4·94	19·57	7·53	14·76	3·91	5·78	9·47	3·96	94·25	...
Constabulary Station, Mayaro	3·91	3·58	1·62	2·58	4·26	15·83	6·33	12·89	2·94	5·44	7·35	2·91	71·45	69·64
TOBAGO.														
Botanic Station, Tobago	2·63	2·73	1·56	3·25	1·56	18·75	7·68	8·52	4·23	4·53	5·72	3·06	75·87	64·22
Hermitage Estate ,, ...	3·22	9·15	2·96	5·81	7·10	21·76	8·01	13·78	7·94	9·39	8·13	6·85	56·07	104·10
Riversdale Estate ,, ...	3·80	4·34	1·36	2·97	2·54	17·21	6·36	10·56	5·11	5·63	6·35	4·36	62·27	70·59
King's Bay ,, ,, ...	2·49	6·46	2·60	3·83	4·80	18·30	7·72	10·05	5·24	7·30	7·56	5·33	71·94	81·68
Government Farm ,, ...	1·18	2·59	0·91	2·12	1·36	14·49	5·74	7·97	2·71	3·00	2·28	1·17	71·76	45·52
Old Grange, ,, ...	1·13	1·91	0·79	4·76	2·01	16·71	5·81	9·23	4·19	6·01	3·74	2·82	52·24	59·09
Roxborough Estate ,, ...	3·32	6·70	3·64	4·90	5·65	22·78	9·25	12·40	6·45	8·69	10·07	6·24	40·59	100·09
Friendship Estate ,, ...	...	...	1·02	2·81	2·16	19.15	6·76	12·47	4·84	3·47	3·38	2·61	46·20	...
Luré ,, ,, ...	...	...	...	3·00	5·24	23·07	9·44	13·22	7·05	9·56	9·77	8·32	51·66	...
Grand Total	...	...	...	...	...	...	...	...	...	...	...	...	...	5307·55
Monthly Average and Mean for year	...	...	...	...	...	...	...	...	...	...	...	...	...	62·44

Mean Rainfall for 12 months of 1911 at 85 Stations — 62·44.

Table 5.

METEOROLOGICAL MEAN ANNUAL RECORDS, 1888 TO 1912, INCLUSIVE
ST. CLAIR EXPERIMENT STATION.

Years.	Barometer. Mean Daily Register.	Thermometer. Mean Maximum.	Thermometer. Mean Minimum.	Mean Annual Temperature	Mean Annual Relative Humidity.	Rainfall.
1888—January to December ...	29·835	87·5	69·7	78·6	81·	65·44
1889	29·947	87·7	70·1	78·9	79·	73·79
1890	29·964	86·1	69·0	77·5	79·	82·90
1891	29·954	87·8	70·1	78·9	76·	53·74
1892	29·954	87·2	70·2	78·7	80·	91·28
1893	29·954	87·4	68·5	78·1	80·	92·49
1894	29·971	87·8	69·1	78·4	78·	52·31
1895	29·962	87·8	69·5	78·6	76·	62·23
1896	29·956	87·8	70·3	79·0	80·	66·45
1897	29·962	87·9	70·3	79·1	80·	77·68
1898	29·954	87·6	69·2	78·4	80·	58·85
1899	29·979	89·3	69·5	79·4	75·	46·76
1900	29·979	87·9	70·8	79·3	80·	67·14
1901	29·975	87·2	70·1	78·6	79·	59·22
1902	29·990	87·6	69·6	78·6	82·	55·34
1903	29·974	89·2	68·7	78·9	78·	51·44
1904	30·007	86·1	68·3	77·0	81·	56·43
1905	29·989	86·4	69·3	77·8	79·	71·68
1906	29·985	87·2	69·4	78·3	80·	64·98
1907	29·994	86·7	69·3	78·0	82·	70·04
1908	29·993	86·8	69·2	78·0	81·	50·30
1909	30·009	86·8	69·5	78·1	83·	64·58
1910	29·970	85·9	69·9	77·9	79·	68·19
1911	29·981	86·1	68·5	77·3	79·	53·90
1912	30·036	85·7	70·8	78·2	79·	49·35
Mean for 25 years	29·970	87·2	69·5	78·3	79·4	64·26

Station—66·7 feet above mean sea level

Table 6.

METEOROLOGICAL RESULTS FOR 1912, OBSERVATIONS TAKEN AT ST. CLAIR.

Month.	Barometer. Reduced Readings. 7 A.M. Bar.	Barometer. Reduced Readings. 3 P.M. Bar.	Thermometer. Dry & Wet Bulb. 7 A.M. D.	7 A.M. W.	3 P.M. D.	3 P.M. W.	Mean Maximum.	Mean Minimum.	Mean Temperature, Blackened Bulb in Vacuo.	Mean Temperature, Thermometer on Grass.	Humidity.	Tension of Aqueous Vapour.	Rainfall.	Dew Point, 7 A.M.	Dew Point, 3 P.M.
1912.	In.	In.	°	°	°	°	°	°	°		°	°	In.	°	°
January ...	30·022	29·993	66·5	65·5	83·4	79·6	85·5	...	154·3	56·0	87·	·772	·62	64·7	77·0
February ...	30·009	29·991	68·6	66·0	84·2	79·7	86·1	...	155·4	56·0	84·	·762	...	63·9	76·7
March ...	30·049	30·008	69·3	67·5	85·0	75·0	86·7	...	151·5	60·0	79·	·673	·74	66·1	68·5
April ...	30·062	30·009	70·2	69·0	85·3	73·9	88·3	...	151·1	66·4	72·	·611	·03	68·0	66·4
May ...	30·046	30·011	74·0	72·3	86·4	75·0	88·9	...	148·2	60·6	72·	·721	2·18	71·0	68·3
June ...	30·056	30·034	72·6	72·4	83·1	76·1	85·9	74·5	149·2	59·7	92·	·733	7·54	69·1	71·4
July ...	30·050	30·027	73·0	72·0	85·5	74·6	85·1	70·8	148·5	54·0	74·	·721	12·16	71·2	67·5
August ...	30·017	30·002	72·4	71·8	83·6	72·5	83·0	70·0	154·3	...	74·	·688	5·56	71·3	65·1
September ...	29·997	29·989	73·2	72·4	83·1	75·9	87·7	70·3	153·8	...	81·	·772	5·87	71·8	71·0
October ...	29·966	29·949	74·5	72·2	83·4	73·4	85·6	76·7	153·3	...	72·	·710	2·73	70·5	66·7
November ...	29·975	29·930	73·7	72·0	84·0	75·0	84·2	70·6	150·9	...	75·	·733	6·28	70·7	69·0
December ...	29·977	29·954	71·7	70·7	80·5	77·3	81·9	72·3	149·0	...	87·	·800	5·64	69·9	75·1
Monthly Average for year ...	30·013	29·991	71·6	70·3	83·9	75·6	85·7	72·2	151·6	58·9	79·	·724	4·11	69·0	70·2

Mean daily height of Barometer 30·005 — Mean Annual Temperature... 78·9 — Total Rainfall ... 49·35

Station—66·7 feet above mean sea level.

Table 7.

SUNSHINE RECORD FOR YEAR 1912 AT ST. CLAIR.

ate.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total for year.
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1						7.42	2.23	5.31	8.17	9.16	7.10	5.01	
2						9.37	5.15	6.47	8.25	6.20	8.30	6.21	
3						4.00	.28	3.00	7.32	2.63	4.31	6.18	
4	No Charts in stock.				No Charts in stock.	7.17	7.05	3.02	2.58	1.52	8.20	6.00	
5						4.30	7.15	5.13	3.57	1.14	8.15	4.35	
6						7.00	...	10.32	5.12	.43	6.40	2.44	
7						..	...	1.28	2.49	6.18	5.30	5.39	
8						2.33	8.10	7.18	..	7.52	4.45	2.58	
9						8.32	..	2.17	3.02	9.31	.38	8.13	
10						4.18	7.03	1.26	7.23	9.00	.57	...	
11					5.35	4.00	7.20	8.36	3.05	4.27	2.30	4.23	
12					9.23	7.18	5.28	7.14	9.13	6.31	4.12	5.32	
13					9.03	7.05	9.28	.18	8.29	3.48	9.40	.11	
14					2.05	10.00	3.11	4.43	5.41	1.39	8.28	9.15	
15					9.00	9.10	3.53	5.32	...	8.49	6.30	8.02	
16					5.10	7.00	5.57	4.56	2.50	5.00	6.45	7.00	
17					2.13	7.00	5.22	9.21	8.13	6.02	8.25	1.32	
18					2.45	8.30	3.34	4.25	5.04	6.33	8.10	9.10	
19					2.18	10.00	4.36	5.13	4.00	6.58	9.27	9.15	
20					9.33	6.00	1.31	8.45	2.46	9.13	8.32	9.48	
21					1.17	4.18	2.03	9.32	5.42	9.34	4.19	5.30	
22					.30	2.18	9.53	5.05	6.17	9.45	5.30	7.15	
23					5.11	9.00	9.12	5.09	5.33	...	4.14	4.30	
24					6.06	4.25	9.31	9.07	5.57	7.48	5.42	9.00	
25					7.54	8.00	9.48	5.43	8.32	8.15	4.35	6.00	
26					4.00	10.35	7.25	8.32	8.35	...	7.18	9.48	
27					6.00	9.12	.02	2.38	9.06	8.11	7.50	6.30	
28					6.18	.06	2.13	1.15	9.03	8.30	3.02	6.36	
29					.21	10.00	4.41	9.27	2.29	9.45	6.12	6.48	
30					.40	.18	6.23	2.21	2.21	9.32	7.20	8.54	
31					3.27	...	...	5.28	...	...	..	8.04	
otal or nth.	..	...	..	.	98.49	189.44	149.10	169.54	162.31	185.29	183.57	190.52	1330. 26.

Table 8.

RAINFALL—RETURN FOR 12 MONTHS ENDING DECEMBER, 1912.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1912.	Total for 1911.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
NORTH WEST DISTRICT.														
Royal Botanic Gardens—St. Clair	0·62	...	0·74	0·03	2·18	7·54	12·16	5·56	5·87	2·73	6·28	5·64	49·35	53·90
Colonial Hospital—Port-of-Spain	0·39	0·11	0·18	Nil.	0·75	5·73	8·91	4·62	4·94	0·69	4·34	5·38	36·04	42·65
Royal Gaol, Port-of-Spain	0·43	0·22	0·48	0·07	1·96	4·96	9·21	5·47	6·71	3·16	5·91	5·81	44·39	48·73
Constabulary Head Quarters, Port-of-Spain	0·77	0·15	0·88	0·02	1·97	7·31	9·14	5·12	5·12	3·12	5·07	6·01	44·68	47·63
Reservoir—St. Ann's	0·65	0·25	1·17	Nil.	2·78	8·71	15·76	7·49	8·90	4·46	6·96	7·84	64·97	56·01
Reservoir—Maraval	1·50	0·50	2·45	0·09	4·09	7·35	15·77	8·72	7·64	3·16	4·72	6·71	62·70	65·06
Constabulary Station, Maraval	1·95	0·27	2·35	Nil.	5·82	8·83	11·98	7·26	11·45	3·83	4·70	5·96	64·40	64·01
Constabulary Station, Diego Martin	1·39	0·53	1·57	0·24	6·15	8·75	13·86	7·94	9·42	4·17	6·19	6·71	66·92	68·92
Waterworks, Diego Martin	1·01	0·33	1·28	0·27	4·51	7·65	12·68	7·66	9·52	4·65	5·21	7·59	62·36	64·46
River Estate, Diego Martin	0·84	0·52	0·99	0·30	4·09	7·71	12·96	7·79	9·16	4·86	5·45	7·35	62·03	62·04
Signal Station, Fort George	0·76	0·14	1·75	0·35	3·11	8·45	12·69	5·69	5·29	2·23	6·18	5·23	51·87	53·16
Signal Station, North Post	0·74	0·45	0·25	0·89	2·95	7·55	10·95	7·58	7·77	5·63	4·57	4·54	53·87	51·79
Constabulary Station, Carenage	0·81	0·33	1·43	0·16	2·81	9·22	15·74	5·76	3·94	2·41	8·86	5·03	56·50	71·69
Convict Depôt, Carrera	0·53	0·34	0·49	0·22	2·27	4·39	10·24	4·97	2·36	2·97	6·68	6·22	41·68	44·92
Light House, Chacachacare	2·05	0·45	1·38	Nil.	2·33	4·99	9·12	2·18	6·56	1·91	4·25	3·32	38·54	44·45
SANTA CRUZ-MARACAS DISTRICT.														
Constabulary Station, Santa Cruz	1·14	0·59	0·81	1·33	3·59	9·47	16·10	4·95	9·66	4·71	4·06	8·43	64·84	61·18
Government Farm, St. Joseph	0·71	0·54	0·36	0·16	3·36	8·23	10·22	4·15	6·37	7·94	5·05	5·04	52·48	52·36
Constabulary Station, St. Joseph	0·46	0·30	0·19	Nil.	4·19	7·44	9·30	4·23	5·45	6·35	3·72	5·30	46·93	46·50
St. Augustine Estate, Tunapuna	0·73	0·44	0·25	0·07	4·93	8·16	9·77	5·39	6·23	3·49	3·84	3·59	46·89	48·72
Government School—Maracas	1·08	0·47	0·53	1·21	3·27	8·58	13·90	4·06	7·70	3·11	3·57	9·20	56·68	51·58
Ortinola Estate—Maracas	1·22	0·78	0·98	1·69	4·83	5·78	13·95	3·82	7·50	4·41	4·24	7·56	56·76	50·54
Wardour Estate—Caura	1·13	0·55	0·34	1·24	4·66	6·61	11·30	5·05	7·48	3·03	4·38	6·09	51.86	...

Table 8.—Continued.

RAINFALL—RETURN FOR 12 MONTHS ENDING DECEMBER, 1912.—*Continued.*

STATIONS.	January.	Fe		ril.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1912.	Total 1911.
	Ins.			ns.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
West Central District.														
Frederick Estate, Caroni	1·90			0·15	5·88	11·31	15·51	12·00	12·38	7·65	7·44	10·88	86·22	88·47
Constabulary Station, Chaguanas	0·88			0·11	6·09	10·20	11·39	10·30	6·43	4·45	2·83	7·32	60·64	54·66
Woodford Lodge Estate, Chaguanas	0·57			0·08	5·33	9·77	11·33	9·87	6·73	4·58	4·81	6·67	60·39	53·37
Waterloo Estate, Carapichaima	1·00			0·12	5·24	8·77	11·39	9·79	5·42	5·20	5·67	6·25	59·35	69·30
Friendship Hall Estate, Carapichaima	1·23	0·87		0·10	5·17	10·42	15·05	9·40	6·45	5·30	6·55	11·10	72·32	...
Exchange Estate, Couva	0·70	0·32	0·24	0·19	2·70	7·19	11·42	6·29	7·70	3·33	4·02	4·78	48·88	49·96
Brechin Castle Estate, Couva	1·04	0·88	0·53	0·19	3·73	8·43	11·06	6·78	9·07	3·26	6·39	4·50	55·86	58·76
Perseverance „ „	1·28	0·48	0·42	0·22	3·16	8·90	11·12	7·21	7·13	3·25	3·94	4·97	52·08	58·91
Camden „ „	0·79	0·18	0·57	0·24	2·60	6·84	12·00	6·98	9·51	3·79	4·97	6·25	54·72	51·58
Milton „ „	1·04	0·91	0·33	0·08	3·26	8·90	10·70	6·04	7·30	4·26	4·21	4·33	51·36	62·34
Spring „ „	0·91	0·79	0·89	0·14	4·13	8·73	11·23	7·50	6·74	5·10	7·27	5·64	59·07	58·92
Constabulary Station, Couva	1·00	0·44	0·53	0·23	3·41	8·62	11·70	7·20	7·78	3·91	5·63	6·29	56·74	57·82
Esperanza Estate, Savonetta	0·89	0·73	0·52	0·22	2·73	6·88	10·62	6·12	7·04	3·09	6·16	3·95	48·95	48·58
San Fernando-Princestown District.														
Forres Park Estate, Claxton's Bay	0·52	0·39	0·08	Nil.	2·48	8·08	9·22	5·02	6·83	3·62	7·44	4·10	47·78	56·03
Bonne Aventure Estate, Pointe-à-Pierre	1·16	0·51	0·18	0·16	4·43	8·37	9·62	9·20	6·90	5·04	7·51	6·98	60·06	61·77
Concord „ „	1·38	0·44	0·21	0·10	4·08	9·72	10·18	9·78	6·88	4·31	6·09	7·50	60·67	69·52
Plein Palais „ „	0·87	0·28	0·14	0·08	2·44	7·78	9·65	8·25	6·60	2·55	6·58	5·36	50·58	58·69
Picton Estate, Naparima	1·09	0·17	0·40	0·15	3·17	5·67	9·70	6·93	4·12	5·50	5·29	5·37	47·56	53·00
Usine Ste. Madeleine Estate, Naparima	1·58	0·41	0·61	0·14	3·27	7·69	8·93	7·65	5·52	5·56	6·96	9·39	57·71	63·54

Table 8.—Continued.

RAINFALL—RETURN FOR 12 MONTHS ENDING DECEMBER 1912.—*Continued*

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total. 1912.	Total for 1911.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
SAN FERNANDO-PRINCESTOWN DISTRICT.														
La Fortunée Estate Naparima	0·68	0·29	0·98	Nil.	2·66	5·65	9·51	6·06	5·83	4·41	8·47	5·33	49·87	49·44
Lowisville „	1·56	0·56	0·75	0·28	3·24	8·34	12·01	9·89	7·42	5·31	6·34	7·64	63·34	72·05
Tarouba Estate „	0·84	0·15	0·17	0·05	1·97	5·77	9·11	5·35	4·43	2·86	4·35	4·41	39·46	46·40
Union Hall „ „	1·33	0·29	0·35	0·05	3·24	5·49	10·92	6·66	5·68	4·09	6·93	6·32	51·35	52·65
Palmiste „ „	1·58	0·29	0·35	Nil.	4·73	8·89	12·27	7·38	5·31	4·88	7·72	4·75	58·15	57·90
Hermitage „ „	1·00	0·26	0·73	0·15	2·81	5·01	8·80	6·29	5·12	5·15	8·31	5·00	49·23	...
Cedar Hill „ Princes Town	1·33	0·56	0·55	0·17	2·90	6·76	9·82	5·79	4·24	3·62	5·65	7·17	48·56	55·74
Craignish „ „	1·79	0·51	0·83	0·24	3·53	6·90	8·83	5·27	5·40	3·85	6·35	10·34	53·84	51·72
✓ Williamsville „ „	0·80	0·36	0·24	0·07	3·28	7·77	10·32	7·81	7·45	2·18	6·11	8·93	55·37	55·76
Constabulary Station, „	0·66	0·47	0·73	0·16	3·80	6·70	9·04	5·74	5·26	3·63	5·97	9·69	52·85	58·84
New Grant Estate, Savana Grande	1·88	0·66	1·06	0·16	4·52	8·58	9·39	6·57	3·30	3·85	7·72	10·14	57·83	65·26
La Retraite Estate, Savana Grande	1·78	1·02	0·95	0·58	5·54	10·47	12·20	7·76	4·36	3·65	7·08	12·20	67·59	...
Malgretoute „ „ „	1·53	0·45	0·76	0·16	3·19	7·14	8·69	5·42	4·20	2·41	5·39	7·29	46·63	50·63
Friendship and Ben Lomond Estate, Savana Grande	1·83	0·42	0·80	0·08	2·97	8·20	11·18	6·47	4·30	3·08	6·09	7·31	52·73	47·91
MONTSERRAT DISTRICT.														
Constabulary Station, Montserrat	0·89	0·65	0·44	0·05	1·74	12·56	15·43	6·73	8·12	3·52	8·31	5·87	64·31	64·15
La Vega Estate, Brasso	1·74	1·85	1·50	0·30	5·85	14·54	13·17	10·57	6·37	2·86	8·30	10·03	77·08	70·76
ARIMA DISTRICT.														
✓ Warden's Office, Arima	1·30	0·23	0·45	0·21	6·57	7·19	12·73	3·74	5·00	0·81	4·18	4·85	47·26	40·49
Torrecilla Estate, Arima	2·76	1·19	1·03	0·76	8·30	12·06	17·02	9·05	8·16	3·74	5·89	8·16	78·12	80·87
Verdant Vale Estate, Arima	2·31	1·85	1·23	2·04	7·59	8·34	13·24	7·53	8·38	4·09	5·70	6·65	68·95	74·83
Constabulary Station, San Rafael	1·79	1·54	0·84	0·77	9·85	13·72	16·56	10·60	6·57	3·29	7·11	8·34	80·90	78·29
Talparo Estate, Guanapo	1·29	1·07	1·32	0·30	8·83	14·81	18·82	14·72	7·10	4·82	5·84	10·98	89·90	70·45
✓ Santa Marta Estate, Tamana	2·82	1·86	1·84	0·59	8·73	14·45	18·58	13·47	9·62	7·17	8·54	14·89	102·56	...

Table 8.—CONTINUED.

					Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
SOUTH WEST DISTRICT.														
Constabulary Station, Oropuche					3·97	8·16	12·21	7·35	8·48	7·58	9·40	5·43	64·85	62·98
Pluck Estate, Oropuche					3·49	7·18	9·76	6·95	6·31	3·58	6·64	6·95	52·90	56·48
✔ Constabulary Station, Siparia					6·40	13·19	13·50	8·90	7·75	4·56	11·27	10·46	78·53	68·11
Constabulary Station, Cap-de-Ville					4·73	9·73	12·85	7·64	9·23	5·29	6·41	9·43	70·12	77·04
Adventure Estate, Guapo					3·61	9·90	11·53	7·46	6·07	5·14	8·06	7·37	62·64	54·97
La Ressource Estate, Erin					6·60	9·44	8·01	6·86	3·67	3·34	8·26	9·51	57·99	60·67
Constabulary Station, Cedros					5·42	6·54	6·85	4·42	2·42	2·57	12·95	10·51	53·37	47·37
Constance Estate, Icacos					3·95	4·40	6·50	7·30	3·95	1·17	10·10	6·65	45·97	64·09
SOUTH COAST.														
✔ Constabulary Station Moruga					4·78	8·67	10·98	5·37	1·95	2·44	11·36	9·66	58·61	58·88
NORTH COAST.														
✔ Constabulary Station, Blanchisseuse	1·91	0·91	1·67	1·18	7·79	12·26	14·16	7·37	4·94	3·85	6·30	9·87	72·21	78·54
✔ Mon Plaisir Estate, Grande Rivière	6·14	1·90	1·62	0·89	11·06	11·56	16·15	10·52	6·73	3·37	9·61	10·91	90·46	97·90
✔ Aragua House, Toco	4·06	1·13	1·36	0·69	6·80	8·18	12·08	8·91	7·17	4·50	5·77	6·77	67·42	80·28
Constabulary Station, Toco	3·89	0·69	1·08	0·28	5·70	8·75	12·11	8·33	8·26	3·85	4·53	8·47	65·94	67·09
Light House, Point Galera	1·77	Nil.	0·36	Nil.	4·68	6·88	9·30	5·39	3·18	1·97	0·73	5·39	39·65	33·44
EAST COAST.														
La Juanita Estate, Matura	3·79	1·68	2·44	1·69	7·27	9·23	18·19	8·75	5·53	4·17	8·80	12·14	83·68	94·78
Constabulary Station, Manzanilla	1·93	1·63	1·21	0·78	8·28	11·27	17·40	9·65	6·88	5·50	8·29	16·74	89·56	83·64
Sta. Estella Estate, Sangre Grande	2·56	2·05	2·67	0·13	8·91	11·83	17·39	9·62	7·58	7·60	7·34	12·13	90·39	90·67
New Lands Estate ,,	2·73	0·51	1·08	0·72	7·19	10·52	15·66	10·97	8·91	7·64	8·75	20·08	94·76	81·72
Evasdale ,, ,,	2·50	1·80	1·73	0·56	9·19	13·92	16·93	11·08	7·53	8·21	10·50	13·71	97·96	...
Grosvenor ,, ,,	2·87	1·13	1·39	0·58	9·29	12·01	15·31	11·01	9·10	6·21	10·25	14·80	94·25	...
✔ Constabulary Station Mayaro	1·96	0·76	1·80	0·49	6·05	8·14	13·02	6·25	4·87	5·33	7·88	14·30	71·45	69·64
El Rosario Estate, Poole	2·82	1·91	2·03	0·58	8·24	12·32	15·79	10·83	6·22	4·90	9·71	15·81	91·16	85·49
TOBAGO.														
Hermitage Estate Tobago	4·69	2·57	0·63	1·45	8·92	8·80	12·16	7·38	7·56	5·97	7·44	8·39	75·87	104·10
Riversdale Estate ,, ,,	2·67	0·96	1·57	0·69	4·71	5·62	11·88	5·93	5·22	6·16	5·09	5·57	56·07	67·09
King's Bay ,, ,,	4·73	1·67	0·65	1·02	9·18	6·26	10·35	9·36	3·99	3·18	4·02	7·26	62·27	81·68
Roxborough Estate ,,	5·13	2·06	1·09	1·14	7·98	7·01	12·15	10·83	4·56	5·67	3·98	10·34	71·94	100·09
Lure ,, ,,	4·73	1·08	1·20	1·55	7·77	7·14	12·31	8·44	6·73	6·16	4·72	9·93	71·76	...
Botanic Station, ,,	2·36	1·06	1·21	0·42	6·74	7·90	8·42	5·83	2·90	5·83	5·42	4·15	52·24	64·22
Government Farm ,,	1·02	0·19	0·25	0·22	3·70	7·03	7·07	4·41	3·20	4·52	5·61	3·37	40·59	45·52
Lowlands Estate ,,	1·55	0·77	0·59	0·53	4·79	6·92	7·79	7·98	4·48	5·04	5·33	3·51	49·28	...
Old Grange, ,,	1·93	0·44	0·55	0·47	4·59	6·50	7·91	5·38	4·69	5·17	5·28	3·29	45·20	59·09
Friendship Estate ,,	2·68	0·80	0·61	0·28	5·03	7·50	8·58	7·49	2·95	7·86	3·79	4·09	51·66	...

Mean Rainfall for 12 months of 1912 at 96 Stations — 61·60.

BOTANICAL DEPARTMENT, TRINIDAD AND TOBAGO.

Annual Report for the year ended March 31, 1912.

Establishment.

This year, as last, saw several changes in the staff. Mr. W. E. Broadway, who had been appointed Officer-in-Charge in Trinidad in 1910, continued to act in this capacity until May 9, 1911 when I assumed my duties as Assistant Director of Agriculture and Government Botanist, my appointment dating from April 26, 1911.

Owing to the absence on leave of the Director from May 25, 1911 until January 15, 1912 combined with the work incidental to the Agricultural Conference in January and the Director's, subsequent short absences due to ill health, I was able to give but comparatively little time to the detailed work of the Gardens, my time being largely taken up by additional duties as Acting Director of Agriculture, Vice President of the Board of Agriculture, Honorary Secretary of the Conference Committee and all the incidental work entailed in becoming acquainted with the various branches of the Department and the Agricultural activities of the Colony.

Mr. Broadway remained in Trinidad as Acting Assistant Superintendent and Curator from May 9, 1911 to November 6, 1911 when, on the return from special leave of Mr. F. Evans, he resumed his substantive appointment of Curator at Tobago. Meanwhile from May 3, 1911 to October 14, 1911, Mr. Guy St. Clair Feilden, B.A., who had been acting for Mr. Evans as Assistant Superintendent and Curator in Trinidad, acted as Curator of the Tobago Station, resigning on October 15, 1911, to take up a Government appointment in Egypt. Mr. Henry Meaden, Manager of the Government Farm in Tobago, assisted in taking charge of the Botanic Station in that Island at various periods. Mr. E. R. Ruiz, Agricultural Instructor in Tobago, resigned on account of ill health on March 31, 1911, and it was decided not to refill the appointment.

With so many changes in the staff there has, unavoidably, been some lack of continuity in the work of the Department, but it is hoped that during the forthcoming year there will be an improvement in this respect.

Government House Gardens.

In this, my first report, it will not be out of place to place on record the condition of the Gardens as I found them and to indicate briefly improvements which might be made; to a certain extent some have been already attempted.

The Gardens, apart from the portion immediately surrounding Government House, consisted of two, more or less, parallel areas divided almost completely from one another by the grove of nutmegs and other trees. The surroundings of the Fernery made a third area, divided off by a hedge and railings, whilst at the back was the Emperor Valley and the hills on which the "Look Out" is situated more or less completely in trees and dense shrubby undergrowth.

The result of this arrangement was a lack of spaciousness, the Gardens could only be viewed in sections and the beauty of the natural setting of hills was almost entirely lost. Moreover, whilst the two first mentioned areas were fairly well kept, there was a distinct lapse into "bush" at both eastern and western ends and over the whole of the hilly areas to the north.

To remedy this the eastern and western ends were cleaned considerably of their wild growth and a beginning made of substituting ornamental plants. One portion of the "Look Out" hill was cleared of undergrowth, and a new path cut through the wood. The area around the "Look Out" itself was also cleared, and a new path made affording access to the Emperor Valley. Trees (common and not ornamental) and undergrowth along the side of the road which encircled the base of the hill and continued up the Emperor Valley were cleared away; this had the effect of considerably opening up this portion. Temporary wooden seats were provided along these new paths to add to the comfort of visitors. It is proposed to continue this work, to form shady contoured paths along the hill side and by degrees make this, naturally the most beautiful part of the grounds, part of the Garden proper.

The Gardens are rich in palms and many other trees of great interest. Many however, of the beautiful herbaceous plants of the tropics are strikingly absent.

The fern collection although fairly large is not rich in species, ornamental plant houses, of the simple type used in Ceylon, etc, which afford so much interest and enjoyment to residents and visitors are wanting. Many of the desiderata can be provided at but little expense and a beginning has been made in procuring from other Botanic Gardens both in the West Indies and in the East some of the plants which the Trinidad gardens lack. Much generous assistance has also been given by several local growers of flowers. Favoured as they are by nature, with a setting of picturesque hills and the spacious Savannah in front, the Trinidad Gardens might well become amongst the first Botanic Gardens of the Tropics. They are already well known, but an increase of their richness in plants and beauty of arrangement would make them still more famous, bringing increasing numbers of visitors and cause them to become, even on a purely business basis, a profitable asset of the Colony.

Table 47.

ROYAL BOTANIC GARDENS, ANNUAL RAINFALL 1862 TO 1913, INCLUSIVE.

Year.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Rainfall.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Inches.
1862 ...	...	·66	·77	·25	1·41	8·47	10·36	9·57	11·97	6·60	10·06	3·03	63·15
1863 ...	1·54	2·71	1·45	·85	1·26	9·12	10·12	10·53	12·11	6·24	4·30	6·57	60·80
1864 ...	2·51	·53	·36	·04	8·15	4·96	7·17	12·06	8·04	6·53	5·94	6·61	62·90
1865 ...	2·62	3·20	1·07	7·98	3·22	5·64	10·35	14·83	7·32	14·62	4·81	9·62	85·28
1866 ...	2·24	3·91	1·44	1·09	1·45	6·59	7·83	12·34	5·87	10·11	8·17	6·82	67·86
1867 ..	1·31	6·36	·83	1·32	2·33	5·30	12·20	15·21	10·45	7·87	·67	2·71	66·56
1868 ...	2·06	·82	3·20	·64	4·17	7·78	11·35	6·73	5·46	4·66	8·31	1·03	56·21
1869 ...	·08	·93	·74	·41	·69	5·52	10·17	8·74	8·86	5·15	6·30	5·87	53·46
1870 ...	2·61	·56	1·46	1·51	4·65	8·81	11·91	9·00	10·63	3·98	5·94	8·29	69·35
1871	6·62	1·40	2·89	·92	3·97	8·84	11·73	12·97	7·87	4·37	10·73	3·27	75·58
1872 ...	1·45	·07	·74	·39	3·14	7·09	5·45	10·82	3·07	4·80	9·89	3·04	49·95
1873 ...	1·78	1·08	1·98	·53	...	4·31	5·04	8·37	5·80	10·34	3·48	1·31	44·02
1874 ...	3·47	1·96	3·67	5·16	2·51	12·28	12·28	11·20	9·38	6·42	3·66	4·29	76·28
1875 ...	3·39	·91	·56	·42	2·61	4·15	12·62	7·22	11·95	10·85	3·74	2·48	60·90
1876 ...	3·26	1·03	1·78	1·67	6·65	11·17	12·23	15·18	12·03	7·04	5·95	3·96	81·95
1877 ..	2·14	...	7·46	3·38	3·19	8·43	8·35	12·94	6·39	6·68	7·66	5·48	72·10
1878 ..	3·44	·70	...	3·22	4·99	5·78	5·42	8·88	11·15	5·89	8·72	3·05	61 24
1879 ...	1·52	2·76	4·56	3·03	3·08	14·92	6·86	10·35	6·15	3·54	4·28	4·38	65·43
1880 ..	11·72	6·53	·67	2·32	3·90	7·83	6·30	17·39	7·47	5·74	10·51	1·96	82·34
1881 ...	·57	·65	·23	1·60	4·66	11·05	7·82	10·90	10·59	3·36	12 06	2·23	65·72
1882 ..	1·33	2·38	·73	1·57	3·74	6·33	5·93	8·40	4·95	5·86	10·29	1·50	52·99
1883 ...	1·56	·71	·26	3·37	5·89	10·91	13·66	10·26	5·53	3·99	6·06	8·30	70·50
1884 ...	3·43	2·50	4·40	1·51	2·91	6·84	5·71	8·70	5·03	5·05	5·14	5·66	56·88
1885 ...	1·30	·89	1·49	·43	5·27	3·44	5·87	4·56	6·08	4·08	5·37	4·44	43·22
1886 ...	3·32	1·97	3 27	3·83	4·49	9·70	17·48	8·15	6·73	12·59	8·54	6·75	86·82
1887 ...	2·69	1·46	1·67	1·08	3·98	7·40	5·51	9·93	5·07	5·84	7·60	11·86	64·09
1888 ...	8·37	1·79	2·41	2·28	3·46	11·92	6·89	7·02	5·53	5·06	7·76	2·95	65·44
1889 ...	·94	·85	4·16	1·05	6·34	11·66	12·14	11·73	3·76	6·30	7·38	7·48	73·79
1890 ...	7·76	·51	2·09	7·62	5·14	9·68	12 89	11·65	3·37	10·98	5·93	5·28	82·90
1891 ...	3·17	·92	·03	1·44	2·54	5·54	11·88	4·26	7·41	5·77	6·66	4·09	53·74
1892 ...	1·93	2·19	1·85	7·59	11·55	16·26	15·55	9·21	3·57	11·49	5·40	4·69	91·28
1893 ...	3·43	1·85	·19	3·61	11·35	10·19	13·28	16·32	11·73	5·47	7·84	7·23	92·49
1894 ..	3·22	2·36	3·12	1·22	2·69	3·26	4·53	12·06	5·48	3·93	7·28	3·16	52·31
1895 ...	2·52	1·33	2·27	2·52	2·11	5·00	2·57	4·86	5·69	10·89	15·15	7·32	62·23
1896 ...	7·08	·88	1·59	2·33	1·62	10·29	6·35	7·66	6·46	6·05	9·81	6·33	66·45
1897 ...	1·67	·75	3·96	·26	5·58	11·19	13·88	7·90	9·83	8·87	9·39	4·40	77·68
1898 ...	3·05	2·18	2·10	1·17	1·49	6·46	5·87	10·55	7·13	6·15	9·13	3·57	58·85
1899 ...	1·95	1·82	1·00	·75	·52	7·63	4 44	8·45	2·18	6·34	8·07	3·61	46·76
1900 ...	3·56	·76	2·72	4·10	4·14	12·99	7·95	11·07	5·52	6·53	5·35	2 45	67·14
1901 ...	1·95	1·51	1·85	·35	6·45	9·21	8·38	7·53	4·26	4·97	7·93	4·83	59·22
1902 ..	2·56	·51	1·18	1·78	2·14	10·05	5·20	11·67	7·22	7·40	2·74	2·89	55·34
1903 ..	1·51	·68	1·54	2·17	·95	5·42	9·40	9·45	11·41	2·12	2·59	4·20	51·44
1904	3·00	2·56	4·24	2·50	2·76	6·23	8·03	4·72	8·81	5·65	3·61	4·32	56·43
1905 ...	2·41	·59	3·74	1·79	4·34	6·01	9·49	11·09	10·43	6·94	10·69	4·16	71·68
1906 ...	·43	·50	·73	·46	7·96	10·95	11·42	8·55	6·54	6·80	5·00	5·64	64·98
1907 ...	5·22	·44	1·71	·09	4·58	11·01	11·02	5·77	7·76	7·65	10·69	4·10	70·04
1908 ...	·75	·45	1·79	·95	5·32	5·22	5·87	7·72	5·45	5·45	2·65	8·68	50·30
1909 ...	5·69	2·43	1·15	1·78	3·87	8·31	10·72	6·29	6·95	7·15	3·93	6·31	64·58
1910 ...	2·79	4·38	1·75	2·01	2·76	6·34	6·40	13·89	8·27	9·21	8·49	1·90	68·19
1911 ...	1·61	1·51	1·86	·74	1·27	7·15	4·73	13·68	4·03	10·22	3·57	3·53	53·90
1912 ...	·62	...	·74	·03	2·18	7·54	12·16	5·56	5·87	2·73	6·28	5·64	49·35
1913 ...	2·80	·50	1·42	·42	1·79	2·80	2·86	6·48	6.52	3·51	8·61	1·82	39·53
Grand Total ...	147·95	80·93	98·87	99·53	197·21	420·97	463·62	510·37	377·14	345·83	360·11	245·09	3347·62
Average Rainfall for 52 yrs., 1862-1913.	2·84	1·56	1·90	1·91	3·79	8·09	8·87	9·81	7·25	6·65	6·92	4·71	64·38

Table 48.

METEOROLOGICAL MEAN ANNUAL RECORDS, 1888 TO 1913, INCLUSIVE
ST. CLAIR EXPERIMENT STATION, TRINIDAD,

Years.	Barometer. Mean Daily Register.	Thermometer. Mean Maximum.	Thermometer. Mean Minimum.	Mean Annual Temperature	Mean Annual Relative Humidity.	Rainfall
1888—January to December ...	29·835	87·5	69·7	78·6	81·	65·44
1889	29·947	87·7	70·1	78·9	79·	73·79
1890	29·964	86·1	69·0	77·5	79·	82·90
1891	29·954	87·8	70·1	78·9	76·	53·74
1892	29·954	87·2	70·2	78·7	80·	91·28
1893	29·954	87·4	68·5	78·1	80·	92·49
1894	29·971	87·8	69·1	78·4	78·	52·31
1895	29·962	87·8	69·5	78·6	76·	62·23
1896	29·956	87·8	70·3	79·0	80·	66·45
1897	29·962	87·9	70·3	79·1	80·	77·68
1898	29·954	87·6	69·2	78·4	80·	58·85
1899	29·979	89·3	69·5	79·4	75·	46·76
1900	29·979	87·9	70·8	79·3	80·	67·14
1901	29·975	87·2	70·1	78·6	79·	59·22
1902	29·990	87·6	69·6	78·6	82·	55·34
1903	29·974	89·2	68·7	78·9	78·	51·44
1904	30·007	86·1	68·3	77·0	81·	56·43
1905	29·989	86·4	69·3	77·8	79·	71·68
1906	29·985	87·2	69·4	78·3	80·	64·98
1907	29·994	86·7	69·3	78·0	82·	70·04
1908	29·993	86·8	69·2	78·0	81·	50·30
1909	30·009	86·8	69·5	78·1	83·	64·58
1910	29·970	85·9	69·9	77·9	79·	68·19
1911	29·981	86·1	68·5	77·3	79·	53·90
1912	30·036	85·7	70·8	78·9	79·	49 35
1913	29·991	84·1	67·5	75·8	79.	39·53
Mean for 26 years	29·971	87·1	69·4	78·3	79·4	63·30

Station—66·7 feet above mean sea level

Table 49.

METEOROLOGICAL RESULTS FOR 1913, OBSERVATIONS TAKEN AT ST. CLAIR.

Month, 1913.	Barometer. Reduced Readings. 7 A.M. Bar.	Barometer. Reduced Readings. 3 P.M. Bar.	Thermometer. Dry & Wet Bulb. 7 A.M. D.	7 A.M. W.	3 P.M. D.	3 P.M. W.	Mean Maximum.	Mean Minimum.	Mean Temperature, Blackened Bulb in Vacuo.	Mean Temperature, Thermometer on Grass.	Humidity.	Tension of Aqueous Vapour.	Rainfall.	Dew Point, 7 A.M.	Dew Point, 3 P.M.
	In.	In	°	°	°	°	°	°	°		°	°	In.	°	°
January ...	30·000	29·982	70·8	69·5	80·5	73·5	80·8	67·1	146·3	...	80·	·708	2·80	68·5	68·7
February ...	30·008	30·001	67·9	66·9	81·9	73·3	82·9	66·4	151·2	...	77·	·661	·50	66·1	67·5
March ...	30·011	30·001	70·2	68·3	82·4	72·5	83·0	66·3	150·4	...	72·	·639	1·42	66·4	65·8
April ...	30·004	29·984	70·7	69·7	84·9	74·7	86·2	67·8	153·1	...	75·	·696	·42	68·9	68·0
May ...	30·013	29·981	72·9	71·2	87·3	76·4	87·4	66·0	155·3	...	69·	·675	1·79	69·9	65·1
June ...	30·009	29·979	73·8	72·5	84·5	75·8	84·9	66·1	151·2	...	76·	·759	2·80	71·5	70·1
July ...	30·014	29·992	73·0	71·7	86·7	75·8	86·9	68·1	151·3	...	74·	·783	2·86	70·7	68·8
August ...	30·008	29·983	73·1	72·2	83·2	76·7	83·4	69·2	151·8	...	82·	·785	6·48	71·5	72·3
September ...	30·001	29·967	73·8	73·0	82·9	77·3	83 3	65·5	152·5	...	82·	·798	6·52	72·4	73·5
October ...	30·000	29·974	73·5	72·6	83·2	76·9	83 7	69·8	154·3	...	82·	·798	3·51	71·9	72·6
November ...	29·960	29·930	75·3	72·2	82·7	77·2	83·9	70·1	151·7	...	83·	·799	8·61	71·3	73·5
December ...	30·008	29·983	70·7	70·0	82·3	76·4	84·1	68·2	151·6	...	81·	·733	1·82	69·4	72·4
Monthly Average for year ...	30·003	29·979	71·9	70·8	83·5	75·5	84·1	67·5	151·7	...	79·	·732	3·29	69·9	69·8

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Mean daily height of Barometer } 29·991

Mean Annual Temperature... 75·8

Total Rainfall ... 39·53

Station—66·7 feet above mean sea level.

Table 50.

SUNSHINE RECORD FOR YEAR 1913.

Date.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total for year.
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	D. H. M.
1	6.00	8.00	8.15	9.20	7.00	7.40	...	9.45	9.40	7.15	9.00	6.30	
2	7.00	8.00	7.20	2.00	9.15	8.15	8.10	1.30	3.40	3.25	8.00	7.25	
3	5.45	7.15	7.45	1.15	9.15	7.10	8.15	10.00	3.30	9.30	9.00	8.00	
4	9.30	8.00	3.10	6.10	8.25	7.00	7.35	9.20	10.15	5.25	9.00	...	
5	8.15	8.00	6.10	3.10	3.15	6.45	9.00	3.30	6.50	4.30	5.00	4.00	
6	2.00	10.00	2.00	9.20	9.00	6.20	10.00	10.00	2.30	4.00	6.25	8.25	
7	.30	3.30	10.10	9.15	7.05	5.10	10.05	1.05	.05	3.30	7.15	5.00	
8	8.15	8.00	7.00	8.00	9.45	5.06	10.20	2.10	3.00	6.00	9.25	5.10	
9	9.30	4.45	8.50	8.10	10.05	7.00	6.25	9.20	2.00	9.30	9.25	2.25	
10	6.10	7.50	5.55	6.30	10.00	6.00	3.00	6.35	4.25	9.30	2.15	6.30	
11	8.10	5.25	9.20	9.10	8.35	6.35	6.45	9.00	4.15	6.35	4.00	2.35	
12	6.45	7.35	3.10	5.15	10.25	7.00	6.10	7.10	7.15	8.30	9.45	2.35	
13	1.35	7.55	5.00	8.00	10.15	7.15	9.10	3.30	9.20	9.15	5.45	3.00	
14	.50	6.30	7.00	8.00	7.25	8.15	10.15	9.25	8.45	9.30	...	...	
15	2.00	8.15	7.40	8.00	4.30	8.00	11.00	7.25	8.10	9.00	7.25	9.30	
16	5.10	9.10	5.00	7.25	7.00	7.45	5.00	7.15	4.00	7.55	9.00	2.50	
17	.40	8.15	8.10	8.00	7.05	6.35	6.00	6.10	.15	7.30	8.15	2.00	
18	1.25	4.25	9.00	9.35	10.00	6.40	9.00	10.05	5.00	1.15	5.45	6.15	
19	.45	6.35	4.50	6.30	10.15	7.15	9.00	8.35	9.25	7.00	7.50	4.00	
20	2.20	10.15	2.15	4.15	6.05	8.00	11.00	1.35	4.10	1.35	3.00	4.25	
21	3.05	10.15	4.30	9.30	10.00	9.10	11.25	3.00	9.15	9.10	8.35	9.05	
22	7.20	10.15	2.35	9.00	9.00	8.15	3.47	8.00	9.25	8.15	6.25	9.12	
23	6.15	7.00	4.40	10.00	5.55	7.15	10.15	6.45	9.30	8.25	8.00	4.32	
24	5.25	10.00	3.50	5.30	.15	9.00	7.20	2.30	7.05	9.00	.15	8.00	
25	7.00	10.00	6.15	.25	2.30	8.35	1.15	8.25	2.45	3.15	5.00	7.30	
26	5.15	10.00	7.15	7.20	7.35	8.20	8.10	2.20	3.45	4.45	8.00	9.00	
27	10.00	10.00	9.35	6.00	5.55	10.00	9.50	5.25	1.50	6.10	3.00	9.30	
28	7.00	10.00	7.20	9.12	1.15	10.10	8.20	2.20	1.15	2.20	7.35	8.15	
29	4.15	...	7.35	6.20	10.00	8.15	7.20	5.00	7.45	5.25	8.45	9.45	
30	6.00	...	5.00	9.15	9.25	7.25	8.00	10.15	9.15	9.00	5.00	9.00	
31	9.15	...	9.10	..	8.15	...	7.00	4.20	...	6.35	..	2.35	
Total for month.	163.25	225.10	195.45	209.52	234.45	226.11	243.52	191.45	168.20	193.30	196.05	176.59	101. 1. 39.

Table 51.

RAINFALL—RETURN FOR 12 MONTHS ENDING DECEMBER 1913.

1913.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1913.	Total 1912.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
NORTH WEST DISTRICT.														
Royal Botanic Gardens—St. Clair	2·80	0·50	1·42	0·42	1·79	2·80	2·86	6·48	6·52	3·51	8·61	1·82	39·53	49·35
Colonial Hospital—Port-of-Spain	2·92	Nil.	1·13	0·10	0·63	2·77	3·20	4·88	6·59	3·45	6·28	1·70	30·65	36·04
Royal Gaol, Port-of-Spain	2·89	0·57	1·61	0·46	0·91	3·40	2·50	5·44	6·51	3·85	6·68	2·02	36·84	44·39
Constabulary Head Quarters, Port-of-Spain	2·83	0·86	1·47	0·23	0·59	3·37	1·77	4·78	5·70	3·56	6·48	1·33	32·97	44·68
Reservoir—St. Ann's	3·52	0·31	1·50	0·21	2·11	4·10	3·98	8·17	8·42	6·38	9·61	1·99	50·70	64·97
Reservoir—Maraval	3·84	0·83	1·25	0·80	2·61	4·31	5·83	13·64	9·20	4·78	9·50	2·35	58·94	62·70
Constabulary Station, Maraval	4·29	0·71	1·29	0·58	3·59	6·83	7·11	16·05	10·29	4·21	10·11	2·42	67·43	64·40
Constabulary Station, Diego Martin	3·55	1·76	1·08	0·34	3·17	5·98	5·87	16·86	9·43	3·25	8·64	4·09	64·02	66·92
Waterworks, Diego Martin	4·16	1·32	1·39	0·50	2·42	5·82	5·44	15·20	11·14	3·68	7·45	4·05	62·57	62·36
River Estate, Diego Martin	3·79	1·64	1·43	0·43	2·32	6·05	5·91	16·10	11·14	4·76	8·20	4·00	65·77	62·03
Signal Station, Fort George	2·69	1·06	1·64	0·92	1·29	4·59	5·08	9·05	6·56	4·05	8·14	1·57	46·64	51·87
Signal Station, North Post	2·78	0·71	2·66	0·10	1·20	5·65	4·34	11·34	8·65	5·40	7·11	3·92	53·86	53·87
Constabulary Station, Carenage	2·43	0·73	3·95	0·68	1·45	6·51	5·58	8·44	8·22	3·32	7·38	1·45	50·17	56·50
Convict Depôt, Carrera Island	1·49	0·98	1·49	0·51	0·71	3·16	4·70	5·57	6·86	4·68	7·49	1·32	38·96	41·68
Light House, Chacachacare	2·76	0·73	1·45	0·53	0·60	6·36	2·30	5·69	5·80	2·74	5·10	0·88	34·59	38·54
SANTA CRUZ-MARACAS DISTRICT.														
Constabulary Station, Santa Cruz	5·03	1·24	1·46	1·40	2·38	5·79	7·09	10·43	11·08	6·19	11·46	3·53	67·08	64·84
Government Farm, St. Joseph	3·85	Nil.	19·7	0·78	1·57	5·13	4·59	5·94	7·11	6·28	5·79	3·71	46·72	52·48
Constabulary Station, St. Joseph	2·82	0·32	1·70	0·36	1·34	4·51	3·70	5·75	9·87	7·88	8·25	4·16	50·16	46·93
St. Augustine Estate, Tunapuna	2·78	0·26	1·16	0·64	1·20	5·30	7·06	6·36	8·98	7·40	7·82	3·85	52·85	46·89
Government School—Maracas	6·34	1·47	2·49	0·54	2·27	4·85	4·71	7·04	12·31	9·06	7·65	5·40	64·13	56·68
Ortinola Estate—Maracas	5·50	2·07	2·22	0·72	2·08	5·03	4·39	6·26	9·40	7·53	7·19	4·62	57·01	56·76
Wardour Estate—Caura	3·66	1·24	1·30	0·46	1·88	4·76	3·80	5·06	7·91	9·21	8·86	5·34	53·48	51·86

Table 51.—Continued.

RAINFALL—RETURN FOR 12 MONTHS ENDING DECEMBER, 1913.

1913.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1913.	Total 1912.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
West Central District.														
Frederick Estate, Caroni	9·62	2·50	3·79	2·74	3·79	12·50	12·50	15·76	14·41	16·89	21·11	9·22	124·83	86·22
Constabulary Station, Chaguanas	4·99	0·70	2·26	1·35	1·42	7·65	6·40	8·97	11·70	8·17	6·11	5·92	65·64	60·34
Woodford Lodge Estate, Chaguanas	5·45	0·47	1·92	1·25	1·21	7·08	6·45	9·00	12 13	8·43	6·35	5·21	64·95	60·39
Waterloo Estate, Carapichaima	6·94	0·07	1·50	0·85	1·44	9·04	5·27	6·89	9·52	4·75	5·96	5·70	57·93	59·35
Friendship Hall Estate, Carapichaima	6·77	1·15	2·12	0·87	1·68	8 14	6·10	8·75	9·35	7·80	10·27	9·30	72·30	72·32
Exchange Estate, Couva	5·09	0·45	0·63	0·10	1·33	5·42	3·53	5·16	9·74	6·50	6·08	5·11	49·14	48·88
Brechin Castle Estate, Couva	5·88	0·56	1·00	0·31	2·01	7·15	4·17	7·23	10·49	6·45	7·51	4·76	57·52	55·86
Perseverance ,, ,, ...	5·04	0·56	0·92	0·30	1·60	5·73	4·52	6·22	11·15	4·88	7·35	6·76	55·03	52·08
Camden ,, ,, ...	7·62	0·53	0·65	1·38	1·86	5·27	3·99	5·37	9·34	4·95	6·45	5·34	52·75	54·72
Milton ,, ,, ...	5·72	0·36	0·78	0·16	1·61	6·71	4·65	5·66	8·43	8·45	6·76	6·43	56·72	51·36
Spring ,, ,, ...	6·79	0·79	1·84	0·43	2·65	6·57	5·57	6·40	9·07	5·69	7·78	6·86	60·44	59·07
Constabulary Station, Couva	4·49	0·10	0·60	0·15	1·41	7·16	4·36	6·41	10·23	5·97	7·19	5·41	53·48	56·74
Esperanza Estate, Savonetta	6·23	9·27	0·61	0·19	1·54	5·80	3·52	6·88	9·01	5·96	6·49	5·50	52·00	48·95
San Fernando-Princestown District.														
Forres Park Estate, Claxton's Bay	6·82	0·16	0·61	0·15	1·23	4·80	3·09	5·30	7·15	7·38	6·17	5·68	48·54	47·78
Bonne Aventure Estate, Pointe-à-Pierre	7·06	0·52	1·27	0·27	2·53	8·23	4·96	6·68	6·05	5·97	7·34	4·82	55·70	60·06
Concord ,, ,, ...	7·85	0·33	1·37	0·33	2·44	7·35	4·60	6·35	7·03	8·46	7·65	6·07	60·83	60·67
Plein Palais ,, ,, ...	6·74	0·18	0·70	0·20	1·70	8·25	5·00	5·40	5·95	6·95	6·26	5·44	52 77	50·58
Picton Estate, Naparima	4·33	0·71	1·42	0·37	0·70	4·01	2·90	5·00	7·63	4·11	8·00	4·28	43·46	47·56
Usine Ste. Madeleine Estate, Naparima	7·23	0·91	1·43	1·05	1·39	11·22	7·81	7·24	7·62	5·10	9·85	5·18	65·03	57·71

Table 51.—Continued.

RAINFALL—RETURN FOR 12 MONTHS ENDING DECEMBER, 1913.

1913.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total, 1913.	Total 1912.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
San Fernando-Princestown District.														
La Fortunée Estate, Naparima	5·09	1·02	1·11	0·60	1·31	5·31	6·23	4·47	7·90	4·81	8·32	3·05	49·22	49·87
Lewisville „ „	8·05	0·67	1·67	0·75	1·22	9·89	5·05	6·65	8·69	7·17	10·92	5·09	65·82	63·34
Tarouba Estate „	5·37	0·22	0·97	0·13	0·77	6·45	3·53	4·74	6·65	6·15	7·88	2·43	45·29	39·46
Union Hall „ „	4·19	0·31	1·11	0·51	1·71	7·52	5·77	5·21	7·41	5·41	8·59	3·55	51·29	51·35
Palmiste „ „	5·68	0·65	1·40	0·91	1·41	6·56	6·33	7·40	7·99	5·37	8·77	3·55	56·02	58·15
Hermitage „ „	4·42	0·74	1·14	0·86	1·55	4·89	5·35	5·33	9·96	4·67	9·15	3·75	51·81	49·23
Craignish „ Princes Town	5·75	0·64	2·04	1·42	1·43	7·79	4·41	7·65	5·47	7·71	10·13	4·59	59·03	53·84
Cedar Hill „ „	5·21	0·37	1·91	1·26	1·18	8·77	5·68	6·26	6·09	5·54	10·93	5·42	58·62	48·56
Williamsville „ „	7·41	0·52	2·17	0·45	1·57	7·79	4·27	5·96	7·63	7·71	8·28	4·40	58·16	55·37
New Grant Estate, „	6·45	1·25	2·70	1·22	1·77	6·97	4·70	8·04	6·34	8·39	12·17	5·04	65·04	57·83
Constabulary Station, „	4·97	0·49	1·89	1·05	1·17	7·05	4·17	5·56	3·84	4·71	7·95	3·46	46·31	42·85
Hindustan Estate „	5·97	1·45	1·41	1·79	1·55	6·92	4·73	7·91	6·81	7·68	9·60	5·55	61·37	*...
La Retraite Estate „	7·51	1·58	3·50	1·13	3·63	11·93	8·46	9·58	9·01	8·73	13·36	8·34	86·76	67·59
Malgretoute „ „	5·35	0·83	1·81	1·16	1·52	8·85	3·91	5·90	5·06	6·69	1 0·41	4·13	55·62	46·63
Friendship and Ben Lomond Estates, Savana Grande ...	5·93	0·46	1·69	0·58	1·29	7·22	4·79	6·39	6·09	6·69	9·98	5·21	56·32	52·73
El Rosario Estate, Poole	11·02	2·60	4·46	1·44	2·65	9·96	5·57	6·80	8·87	6·71	14·71	5·94	81·33	91·16
Esmeralda Estate	8·59	1·04	1·71	0·47	1·91	9·75	4·45	7·42	5·22	7·14	9·38	6·95	*64·03	...
Montserrat District.														
Constabulary Station, Montserrat	8·39	0·61	0·97	0·24	2·17	7·83	4·57	7·83	8·05	7·82	8·70	6·28	63·46	64·31
La Vega Estate, Brasso	7 81	1·10	2·42	0·71	2·57	10·23	8·11	9·94	7·94	5·20	12·10	7·52	75·65	77·08
Arima District.														
Warden's Office, Arima	2·34	0·27	0·51	0·20	5·32	6·30	4·06	8·32	8·62	8·88	10·09	1·00	55·91	47·26
Torrecilla Estate, Arima	4·56	1·20	2·86	1·36	4·44	9·40	5·92	10·44	10·21	13·95	12·27	5·26	81·87	78·12
Verdant Vale Estate, Arima	4·68	1·46	3·65	0·98	3·38	9·30	4·82	9·82	10·53	12·09	13·59	6·22	80·52	68·95
Constabulary Station, San Rafael	7·77	1·13	4·11	1·41	2·42	11·16	7·37	14·68	14·06	7·61	11·10	7·07	89·89	80·38
Talparo Estate, Guanapo	6·53	1·71	3·87	1·48	2·91	10·43	8·06	12·24	13·89	6·79	10·77	5·20	83·88	89·90
Santa Marta Estate, Tamana	7·18	2·83	5·09	1·32	4·27	11·68	8·22	15·23	13·12	8·60	11·10	6·71	95·35	109·56

Table 51.—Continued.

RAINFALL—RETURN FOR 12 MONTHS ENDING DECEMBER, 1913.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1913.	Total 1912.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
South West District.														
Constabulary Station, Oropuche	5·22	0·65	1·89	0·72	2·64	6·49	6·25	6·58	7·37	4·22	11·90	5·09	59·02	64·85
Pluck Estate, Oropuche	4·97	0·39	1·04	0·35	1·57	6·28	3·04	4·27	6·91	4·83	9·48	3·36	46·19	52·90
Constabulary Station, Siparia	6·96	0·78	2·33	2·31	4·20	7·30	6·67	9·22	12·65	8·14	16·20	7·25	84·01	78·53
Adventure Estate, Guapo	5·09	0·68	1·65	0·67	2·24	4·04	6·10	7·26	7·85	8·32	12·75	3·34	59·99	62·64
Constabulary Station, Cap-de-Ville	6·35	1·93	2·96	2·74	3·50	5·54	5·51	11·90	13·69	10·26	16·31	6·08	86·77	70·12
La Ressource Estate, Erin	4·64	1·51	1·66	2·59	2·82	9·12	7·99	11·28	4·30	8·71	9·81	7·12	71·55	57·99
Constabulary Station, Cedros	3·57	2·01	1·60	1·79	1·96	5·11	4·62	4·96	3·18	6·65	8·45	3·13	47·03	53·37
Constance Estate, Icacos	5·80	2·20	1·47	1·10	1·25	3·90	1·57	3·11	4·67	6·30	6·56	4·20	42·13	45·97
Irois Estate, Irois	5·17	1·95	3·06	2·23	1·96	4·86	6·04	9·79	9·27	7·40	15·89	8·35	75·97	...
South Coast.														
Constabulary Station, Moruga	7·27	0·97	3·67	0·61	2·20	5·41	4·35	6·35	6·74	5·85	13·16	6·19	62·27	58·61
North Coast.														
Constabulary Station, Blanchisseuse	11·00	2·78	3·81	1·74	4·03	10·41	8·04	12·42	6·65	6·26	14·48	2·81	84·43	72·21
Mon Plaisir Estate, Grande Rivière	14·01	3·25	5·66	1·32	5·51	12·35	6·52	18·65	15·95	7·47	23·95	7·20	121·74	90·46
Aragua House, Toco	12·20	1·72	2·81	1·06	4·35	9·38	4·72	12·37	6·52	7·49	16·93	3·50	83·05	67·42
Constabulary Station, Toco	12·35	1·60	2·73	1·16	3·61	9·80	3·69	8·10	4·91	6·85	15·49	4·53	74·72	65·94
Light House, Point Galera	7·11	0·30	0·50	0·05	1·06	7·64	0·50	4·12	4·76	5·37	9·62	2·30	43·33	39·65
East Coast.														
La Juanita Estate, Matura	10·71	2·04	5·56	2·43	3·91	11·75	9·39	9·74	16·85	6·79	17·13	6·97	103·27	83·68
Constabulary Station, Manzanilla...	10·41	2·60	4·96	0·62	2·28	10·27	6·23	8·82	13·74	6·24	15·50	5·99	87·06	89·56
Sta. Estella Estate, Sangre Grande	9·46	3·99	5·43	1·17	4·17	10·25	6·81	11·37	16·80	10·12	16·81	5·72	102·10	90·39
New Lands Estate ,, ...	12·91	2·32	5·33	1·50	3·67	10·38	7·95	12·76	9·78	7·43	11·57	8·32	93·94	94·76
Evasdale ,, ,, ...	7·74	2·55	5·78	1·44	5·68	12·31	8·40	15·10	14·85	8·72	14·62	7·17	102·36	97·96
Grosvenor ,, ,, ...	8·57	2·76	5·16	1·25	2·77	11·26	7·96	13·55	13·73	8·09	15·96	8·84	100·00	94·25
Constabulary Station, Mayaro	11·39	1·05	2·13	1·01	1·92	8·01	4·82	6·86	4·48	11·05	9·73	5·69	68·14	71·45
Tobago.														
Hermitage Estate Tobago	9·83	2·90	3·17	1·53	2·28	9·68	8·66	9·34	9·78	6·56	14·76	5·01	83·50	75·87
Riversdale Estate ,, ...	6·63	2·12	1·71	0·45	1·16	6·54	4·64	7·13	7·52	7·15	8·76	2·24	56·05	56·07
King's Bay ,, ,, ...	9·52	2·12	2·32	0·91	2·54	8·40	6·86	8·61	6·66	6·92	13·17	3·43	71·46	62·27
Roxborough Estate ,, ...	11·45	3·06	3·14	1·12	3·08	7·85	8·92	9·71	9·13	10·81	11·48	4·25	84·00	71·94
Lure ,, ,, ...	9·75	2·65	2·82	1·14	3·50	8·84	7·91	8·07	10·45	12·37	10·56	3·12	81·27	71·76
Botanic Station, ,, ...	5·07	1·13	0·93	0·74	1·88	6·19	4·21	7·13	10·03	7·75	8·31	1·58	54·95	52·24
Government Farm ,, ...	2·99	0·63	0·72	0·58	1·67	3·95	3·11	5·41	6·63	5·06	5·66	1·34	37·75	40·79
Lowlands Estate ,, ...	4·22	0·78	1·39	0·26	2·36	6·06	2·43	4·96	8·26	5·28	8·20	1·72	45·92	49·28
Friendship Estate	5·01	0·96	1·54	0·50	1·84	4·94	3·11	5·82	7·10	6·13	8·18	1·95	47·06	51·66

LABORATORY.

TABLE XLII. Continued.—Statement of Expenditure for 1914-15.

Sub-head.	Amount voted.	Amount expended.	Savings.	Increase.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Personal Emoluments of Staff	810 0 0	809 6 5	13 7	...
Other Charges.				
Chemicals, Books, Office Contingencies, etc. ...	200 0 0	154 1 7	45 18 5	...
Water Rates	10 0 0	7 15 10½	2 4 1½	...
	1,020 0 0	971 3 10½	48 16 1½	...

VALSAYN STOCK FARM.

TABLE XLII. Continued.—Statement of Expenditure for 1914-15.

Sub-head.	Amount voted.	Amount expended.	Savings.	Increase.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Personal Emoluments of Staff	1,085 0 0	1,029 16 9	55 3 3	...
Other Charges.				
Water Rates	105 0 0	102 10 4	2 9 8	...
Purchase of Stock	200 0 0	108 0 11½	91 19 0½	...
Feeding Stock	1,000 0 0	1,114 16 6½	...	114 16 6½
Growing Feed for Stock	300 0 0	182 6 6	117 13 6*	...
Miscellaneous, Tools, Materials, etc. ...	200 0 0	199 5 0½	14 11½	...
Expenses of Stallions	150 0 0	147 12 8	2 7 4	...
Wages, Labourers, Fencing, ...	1,200 0 0	1,198 12 9½	1 7 2½	...
Total Valsayn Stock Farm ...	4,240 0 0	4,083 1 7	271 14 11½	114 16 6½

Saving on Votes £156 18 5.

* Transferred to Feeding Stock.

TOBAGO STOCK FARM.

TABLE XLII. Continued.—Statement of Expenditure for 1914-15.

Sub-head.	Amount voted.	Amount expended.	Savings.	Increase.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Personal Emoluments of Staff	200 0 0	158 6 8	41 13 4*	...
Other Charges.				
Purchase of Stock	150 0 0	25 0 0	125 0 0	...
Feed for Stock	150 0 0	141 13 8	8 6 4	...
Maintenance, etc.	250 0 0	235 6 3½	14 13 8½	...
Clearing Pasture and Fencing	50 0 0	49 13 0	7 0	...
Telephone Rent	10 0 0	10 0 0	...	...
Total Tobago Stock Farm	810 0 0	619 19 7½	190 0 4½	...

* Transferred to Horticulturist and Assistant Botanist—Personal Emoluments Botanic Station, St. Clair.

Table XLIII.

ROYAL BOTANIC GARDENS, ANNUAL RAINFALL 1862 TO 1914, INCLUSIVE.

Year.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Rainfall.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Inches.
1862 ...	...	·66	·77	·25	1·41	8·47	10·36	9·57	11·97	6·60	10·06	3·03	63·15
1863 ...	1·54	2·71	1·45	·85	1·26	9·12	10·12	10·53	12·11	6·24	4·30	-6·57	66·80
1864 ...	2·51	·53	·36	·04	8·15	4·96	7·17	12·06	8·04	6·53	5·94	6·61	62·90
1865 ...	2·62	3·20	1·07	7·98	3·22	5·64	10·35	14·83	7·32	14·62	4·81	9·62	85·28
1866 ...	2·24	3·91	1·44	1·09	1·45	6·59	7·83	12·34	5·87	10·11	8·17	6·82	67·86
1867 ...	1·31	6·36	·83	1·32	2·33	5·30	12·20	15·21	10·45	7·87	·67	2·71	66·56
1868 ...	2·06	·82	3·20	·64	4·17	7·78	11·35	6·73	5·46	4·66	8·31	1·03	56·21
1869 ...	·08	·93	·74	·41	·69	5·52	10·17	8·74	8·86	5·15	6·30	5·87	53·46
1870 ...	2·61	·56	1·46	1·51	4·65	8·81	11·91	9·00	10·63	3·98	5·94	8·29	69·35
1871	6·62	1·40	2·89	·92	3·97	8·84	11·73	12·97	7·87	4·37	10·73	3·27	75·58
1872 ...	1·45	·07	·74	·39	3·14	7·09	5·45	10·82	3·07	4·80	9·89	3·04	49·95
1873 ...	1·78	1·08	1·98	·53	...	4·31	5·04	8·37	5·80	10·34	3·48	1·31	44·02
1874 ...	3·47	1·96	3·67	5·16	2·51	12·28	12·28	11·20	9·38	6·42	3·66	4·29	76·28
1875 ...	3·39	·91	·56	·42	2·61	4·15	12·62	7·22	11·95	10·85	3·74	2·48	60·90
1876 ...	3·26	1·03	1·78	1·67	6·65	11·17	12·23	15·18	12·03	7·04	5·95	3·96	81·95
1877 ...	2·14	...	7·46	3·38	3·19	8·43	8·35	12·94	6·39	6·68	7·66	5·48	72·10
1878 ...	3·44	·70	...	3·22	4·99	5·78	5·42	8·88	11·15	5·89	8·72	3·05	61 24
1879 ...	1·52	2·76	4·56	3·03	3·08	14·92	6·86	10·35	6·15	3·54	4·28	4·38	65·43
1880 ...	11·72	6·53	·67	2·32	3·90	7·83	6·30	17·39	7·47	5·74	10·51	1·96	82·34
1881 ...	·57	·65	·23	1·60	4·66	11·05	7·82	10·90	10·59	3·36	12 06	2·23	65·72
1882 ...	1·33	2·38	·73	1·57	3·74	6·33	5·93	8·40	4·93	5·86	10·29	1·50	52·99
1883 ...	1·56	·71	·26	3·37	5·89	10·91	13·66	10·26	5·53	3·99	6·06	8·30	70·50
1884 ...	3·43	2·50	4·40	1·51	2·91	6·84	5·71	8·70	5·03	5·05	5·14	5·66	56·88
1885 ...	1·30	·89	1·49	·43	5·27	3·44	5·87	4·56	6·08	4·08	5·37	4·44	43·22
1886 ...	3·32	1·97	3·27	3·83	4·49	9·70	17·48	8·15	6·73	12·59	8·54	6·75	86·82
1887 ...	2·69	1·46	1·67	1·08	3·98	7·40	5·51	9·93	5·07	5·84	7·60	11·86	64·09
1888 ...	8·37	1·79	2·41	2·28	3·46	11·92	6·89	7·02	5·53	5·06	7·76	2·95	65·44
1889 ...	·94	·85	4·16	1·05	6·34	11·66	12·14	11·73	3·76	6·30	7·38	7·48	73·79
1890 ...	7·76	·51	2·09	7·62	5·14	9·68	12·89	11·65	3·37	10·98	5·93	5·28	82·90
1891 ...	3·17	·92	·03	1·44	2·54	5·54	11·88	4·26	7·44	5·77	6·66	4·09	53·74
1892 ...	1·93	2·19	1·85	7·59	11·55	16·26	15·55	9·21	3·57	11·49	5·40	4·69	91·28
1893 ...	3·43	1·85	·19	3·61	11·35	10·19	13·28	16·32	11·73	5·47	7·84	7·23	92·49
1894 ..	3·22	2·36	3·12	1·22	2·69	3·26	4·53	12·06	5·48	3·93	7·28	3·16	52·31
1895 ...	2·52	1·33	2·27	2·52	2·11	5·00	2·57	4·86	5·69	10·89	15·15	7·32	62·23
1896 ...	7·08	·88	1·59	2·33	1·62	10·29	6·35	7·66	6·46	6·05	9·81	6·33	66·45
1897 ...	1·67	·75	3·96	·26	5·58	11·19	13·88	7·90	9·83	8·87	9·39	4·40	77·68
1898 ...	3·05	2·18	2·10	1·17	1·49	6·46	5·87	10·55	7·13	6·15	9·13	3·57	58·85
1899 ...	1·95	1·82	1·00	·75	·52	7·63	4·44	8·45	2·18	6·34	8·07	3·61	46·76
1900 ...	3·56	·76	2·72	4·10	4·14	12·99	7·95	11·07	5·52	6·53	5·41	2·61	67·36
1901 ...	1·95	1·51	1·85	·35	6·45	9·21	8·38	7·53	4·26	4·97	7·93	4·83	59·22
1902 ..	2·56	·51	1·18	1·78	2·14	10 05	5·20	11·67	7·22	7·40	2·74	2·89	55·34
1903 ...	1·51	·68	1·54	2·17	·95	5·42	9·40	9·45	11·41	2·12	2·59	4·20	51·44
1904	3·00	2·56	4·24	2·50	2·76	6·23	8 03	4·72	8·81	5·65	3 61	4·32	56·43
1905 ...	2·41	·59	3·74	1·79	4·34	6·01	9·49	11·09	10·43	6·94	10·69	4·16	71·68
1906 ...	·43	·50	·73	·46	7·96	10·95	11·42	8·55	6·54	6·80	5·00	5·64	64·98
1907 ...	5·22	·44	1·71	·09	4·58	11·01	11·02	5·77	7·76	7·65	10·69	4·10	70·04
1908 ...	·75	·45	1·79	·95	5·82	5·22	5·87	7·72	5·45	5·45	2·65	8·68	50·80
1909 ...	5·69	2·43	1·15	1·78	3·87	8·31	10·72	6·29	6·95	7·15	3·93	6·31	64·58
1910 ...	2·79	4·38	1·75	2·01	2·76	6·34	6·40	13·89	8·27	9·21	8·49	1·90	68·19
1911 ...	1·61	1·51	1·86	·74	1·27	7·15	5·20	13·68	4·03	10·22	3·57	3·53	54·37
1912 ...	·62	...	·74	·03	2·18	7·54	12·16	5·56	5·87	2·73	6·28	5·64	49·35
1913 ...	2·80	·50	1·42	·42	1·79	2·80	2·86	6·48	6·52	3·51	8·61	1·82	39·53
1914 ...	·50	·61	1·28	1·01	2·05	7·34	5·05	9·15	7·80	6·14	7·61	5·58	54·12
Grand Total ...	148·45	81·54	100·15	100·54	199·76	428·31	469·14	519·52	384·94	351·97	367·78	250·83	3402·93
Average Rainfall for 53 yrs., 1862–1914.	2·80	1·53	1·88	1·89	3·76	8·08	8·85	9·80	7·26	6·64	6·93	4·73	64·20*

* Average annual rainfall over a period of 53 years.

Table XLIV.

METEOROLOGICAL MEAN ANNUAL RECORDS, 1888 TO 1914, INCLUSIVE.
ST. CLAIR EXPERIMENT STATION.

Years.	Barometer. Mean Daily Register.	Thermometer. Mean Maximum.	Thermometer. Mean Minimum.	Mean Annual Temperature	Mean Annual Relative Humidity.	Rainfall.
1888—January to December ...	29·835	87·5	69·7	78·6	81·	65·44
1889	29·947	87·7	70·1	78·9	79·	73·79
1890	29·964	86·1	69·0	77·5	79·	82·90
1891	29·954	87·8	70·1	78·9	76·	53·74
1892	29·954	87·2	70·2	78·7	80·	91·28
1893	29·954	87·4	68·5	78·1	80·	92·49
1894	29·971	87·8	69·1	78·4	78·	52·31
1895	29·962	87·8	69·5	78·6	76·	62·23
1896	29·956	87·8	70·3	79·0	80·	66·45
1897	29·962	87·9	70·3	79·1	80·	77·68
1898	29·954	87·6	69·2	78·4	80·	58·85
1899	29·979	89·3	69·5	79·4	75·	46·76
1900	29·979	87·9	70·8	79·3	80·	67·14
1901	29·975	87·2	70·1	78·6	79·	59·22
1902	29·990	87·6	69·6	78·6	82·	55·34
1903	29·974	89·2	68·7	78·9	78·	51·44
1904	30·007	86·1	68·3	77·0	81·	56·43
1905	29·989	86·4	69·3	77·8	79·	71·68
1906	29·985	87·2	69·4	78·3	80·	64·98
1907	29·994	86·7	69·3	78·0	82·	70·04
1908	29·993	86·8	69·2	78·0	81·	50·30
1909	30·009	86·8	69·5	78·1	83·	64·58
1910	29·970	85·9	69·9	77·9	79·	68·19
1911	29·981	86·1	68·5	77·3	79·	53·90
1912	30·036	85·7	70·8	78·9	79·	49·35
1913	29·991	84·1	67·5	75·8	79.	39·53
1914	30·009	84·6	69·0	78·6	77·	54·12
Mean for 27 years	29·973	87·0	69·4	78·3	79·	62·96

Station—66·7 feet above mean sea level.

Table XLV.

METEOROLOGICAL RESULTS FOR 1914, OBSERVATIONS TAKEN AT
ST. CLAIR EXPERIMENT STATION.

Month.	Barometer. Reduced Readings. 7 A.M.	Barometer. Reduced Readings. 3 P.M.	Thermometer. Dry & Wet Bulb. 7 A.M. D.	7 A.M. W.	3 P.M. D.	3 P.M. W.	Mean Maximum.	Mean Minimum.	Mean Temperature, Blackened Bulb in Vacuo.	Mean Temperature, Thermometer on Grass.	Humidity.	Tension of Aqueous Vapour.	Rainfall.	Dew Point, 7 A.M.	Dew Point, 3 P.M.
1914.	Bar.	Bar.	°	°	°	°	°	°	°		°	°	In.	°	°
January ...	In. 30·026	In 29·980	68·7	67·5	83·7	74·3	84·3	66·9	152·4	...	75·	·672	·50	66·5	68·0
February ...	30·036	30·017	78·8	69·6	83·1	74·7	83·8	68·8	153·1	...	60·	·642	·61	63·2	69·0
March ...	30·047	30·007	69·2	67·8	85·2	75·0	85·5	66·5	154·3	...	81·	·750	1·28	66·7	74·2
April ...	30·024	29·992	71·5	69·9	86·2	75·2	86·4	68·0	154·4	...	72·	·696	1·01	68·7	68·0
May ...	30·052	30·012	74·9	72·8	86·4	76·7	87·2	70·6	151·6	...	73·	·746	2·05	71·2	70·4
June ...	30·035	30·002	75·0	73·4	83·5	77·0	84·1	71·8	147·3	...	79·	·798	7·34	72·2	72·7
July ...	30·073	30·032	73·5	72·3	84·2	76·9	85·3	69·3	151·9	...	77·	·772	5·05	71·4	72·0
August ...	30·034	30·005	72·8	72·3	82·8	76·8	83·2	69·2	150·6	...	88·	·798	9·15	71 9	72·7
September ...	30·036	29·978	73·6	72·7	83·6	77·5	84 6	69·5	151·9	...	76·	·848	7·80	72·0	73·4
October ...	29·994	29·953	73·4	72·5	84·6	78·6	85·0	69·9	153·4	...	84·	·826	6·14	71·8	74·7
November ...	29·959	29·932	72·8	71·9	83·1	77·4	83·7	68·9	150·9	...	88·	·799	7·61	71·2	73·5
December ...	30·018	29·998	71·9	70·9	82·1	76·4	83·0	68·7	151·1	...	88·	·772	5·58	70·1	72·5
Monthly Average for year ...	30·027	29·992	73·0	71·1	84·0	76·3	84·6	69·0	151·9	...	77·	·759	4·51	69·7	71·7

151·6

Mean daily height of Barometer 30·009 — Mean Annual Temperature... 78·6 — Total Rainfall ... 54·12

Station—66·7 feet above mean sea level.

Table XLVI.

SUNSHINE RECORD FOR YEAR 1914.

Date.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	10.00	5.30	7.30	9.35	8.00	5.00	8.00	7.25	6.30	8.25	1.35	7.20
2	10.00	9.20	5.30	9.10	7.30	8.20	1.00	6.00	3.10	8.15	.25	3.50
3	6.45	9.30	6.35	9.20	7.00	4.15	10.00	9.00	9.45	8.25	5.05	5.10
4	5.00	7.00	9.45	9.45	5.25	8.00	10.00	8.50	9.45	6.50	6.20	6.45
5	9.30	8.40	7.55	9.25	8.20	4.00	7.05	9.25	8.05	4.05	9.40	1.20
6	7.25	6.15	4.15	9.35	10.20	5.10	2.00	1.40	8.05	4.15	9.40	9.45
7	10.00	8.10	8.10	9.25	11.10	9.45	9.00	9.30	8.45	7.00	8.00	9.45
8	9.30	8.15	9.30	9.05	10.00	5.10	9.00	4.25	9.00	2.15	6.40	8.05
9	9.35	9.00	8.00	9.20	10.30	4.15	11.00	3.40	.25	8.10	9.40	6.15
10	9.00	8.45	8.45	9.20	10.20	8.00	10.00	7.15	7.40	9.30	9.15	7.05
11	6.15	8.00	8.35	9.20	10.00	1.25	10.00	8.30	7.45	5.45	9.40	1.40
12	3.50	6.30	8.45	9.30	10.20	.30	7.00	7.15	2.30	3.00	9.40	8.05
13	9.45	7.10	9.00	1.15	8.05	9.05	8.30		2.00	5.30	7.05	7.55
14	6.00	7.15	8.00	5.35	4.15	7.50	5.00		7.10	4.30	6.15	9.30
15	10.00	8.05	9.45	6.10	4.05	4.30	10.05		9.45	4.30	5.10	8.10
16	10.00	9.30	9.30	6.40	7.15	4.20	5.45		8.30	9.55	7.25	6.00
17	10.00	7.50	9.30	9.35	10.10	1.50	6.05		4.30	6.15	5.30	7.45
18	10.00	4.30	9.30	9.45	10.25	3.20	8.45		6.00	6.15	8.00	6.45
19	8.20	8.40	5.35	9.15	2.00	4.55	...		7.05	5.25	8.30	8.30
20	8.00	7.25	3.20	7.30	5.00	6.25	6.30	No Charts.	5.00	.15	7.15	7.50
21	6.45	9.40	1.15	2.30	10.15	7.00	8.45		5.30	5.10	6.40	6.30
22	8.15	6.35	8.50	8.30	6.05	9.00	3.45		4.30	3.35	9.30	3.30
23	9.10	1.00	9.30	4.15	10.00	3.00	9.00		9.30	1.20	3.00	.15
24	8.35	9.00	9.15	8.30	10.00	6.30	6.45		8.00	9.10	8.30	6.00
25	7.50	9.10	7.15	8.40	6.20	10.00	1.50		7.00	9.45	10.15	9.35
26	9.30	7.00	4.15	6.30	7.10	7.00	8.30		9.15	9.35	8.05	5.30
27	6.35	9.45	7.00	9.05	.10	6.20	3.45		7.15	9.35	9.40	8.00
28	9.40	9.45	9.35	3.35	3.30	2.30	7.10	5.05	9.00	7.15	9.40	7.15
29	4.20	...	8.30	10.15	8.30	1.25	9.00	8.10	5.20	.30	3.30	7.30
30	6.20	...	4.25	9.15	1.05	2.30	1.50	5.25	9.25	8.20	7.05	4.05
31	10.00	...	8.15	..	5.15	...	6.55	2.15	...	7.05	..	1.05
Total for Month.	255.55	217.15	235.30	239.40	228.30	161.20	217.00	...	206.10	189.50	216.45	196.40

Table XLVII.

METEOROLOGICAL OBSERVATIONS, 1914.

EXPERIMENT STATION, ST. CLAIR. λ=61° 31′ Φ=10° 40′ H=66·7 ft.

MONTHS.	Mean Pressure.	AIR TEMPERATURE.									Tension of Vapour.	Relative Humidity.
		7 a.m.	3 p.m.	Mean.	Means of		Absolute Minimum and Maximum.					
					Min.	Max.	Min.	Date.	Max.	Date.	Mean.	Mean.
	In.	°	°	°	°	°	°		°		°	°
January ...	30·003	69·1	85·6	77·3	66·9	84·3	64	17th, 19th & 28th	89	16th ...	·672	75
February ...	30·026	72·5	85·1	78·8	68·8	83·8	64	1st ...	88	2nd ...	·642	60
March ...	30·027	70·1	87·1	78·6	66·5	85·5	60	3rd ...	89	29th ...	·750	81
April ...	30·008	71·7	88·4	80·0	68·0	86·4	65	22nd ...	91	18th ...	·696	72
May ...	30·032	74·9	88·3	81·6	70·6	87·2	65	19th ...	91	9th & 23rd ...	·746	73
June ...	30·018	74·9	85·1	80·0	71·8	84·1	69	9th and 13th ...	88	7th, 8th & 22nd...	·798	79
July ...	30·052	73·4	86·0	79·7	69·3	85·3	68	Several days ...	88	10th, 15th & 22nd	·772	77
August ...	30·019	73·0	84·7	78·8	69·2	83·2	65	24th ...	89	5th & 27th ...	·798	88
September ...	30·007	73·7	85·1	79·4	69·5	84·6	62	17th ...	91	3rd ...	·848	76
October ...	29·973	73·4	86·3	79·8	69·9	85·0	68	7th & 16th ...	90	10th & 16th ...	·826	84
November ...	29·945	72·8	84·8	78·8	68·9	83·7	62	2nd ...	89	5th & 12th ...	·799	83
December ...	30·008	72·9	83·3	78·1	68·7	83·0	61	18th ...	88	7th and 14th ...	·772	83
Year ...	30·009	72·7	85·8	79·2	69·0	84·6	60	3rd ...	91	Several days ...	·759	77

λ = The longitude of the station. Φ = The latitude of the station. H = Height above mean sea level.

Table XLVII.—Continued.

EXPERIMENT STATION, ST. CLAIR. ht.=4 ft. hr.=1′ 2″.

MONTHS.	Amount of Cloud.	Rainfall.			Weather. No. of Days of	Wind. No. of Observations of.							
		Total.	Max.	Date.	Rain.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
January ...	...	·50	·17	25th ...	5	4	19	4	9	3	8	8	3
February ...	...	·61	·16	18th ...	9	4	11	1	5	12	11	4	18
March ...	...	1·28	·30	21st ...	7	4	8	4	13	6	7	14	6
April ...	...	1·01	·62	21st ...	5	7	15	3	6	5	5	12	7
May ...	...	2·05	·56	27th ...	10	3	18	4	8	3	10	11	5
June ...	...	7·34	·91	30th ...	20	3	17	6	7	2	13	9	3
July ...	...	5·05	·85	30th ...	14	7	18	4	10	2	11	3	7
August ...	...	9·15	1·40	22nd ...	17	9	25	3	9	3	7	4	2
September ...	...	7·80	1·33	22nd ...	14	5	19	3	10	2	5	7	9
October ...	...	6·14	2·32	11th ...	15	5	18	4	5	5	12	8	5
November ...	...	7·61	1·47	20th ...	16	6	19	7	13	2	5	4	4
December ...	...	5·58	1·78	10th ...	16	7	25	4	13	2	4	2	5
Year ...	...	54·12	2·32	11th ...	148	64	212	47	108	47	98	86	74

ht. = Height of the Thermometers above the ground in feet. *hr.* = Height of the Raingauge above the ground in feet.

Table XLVIII.

ST. CLAIR EXPERIMENT STATION.

METEOROLOGICAL OBSERVATIONS. JANUARY, 1914.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	Inches.	
	In.	In.	°	°	°	°				
1	30·016	30·042	69	87	86	67	N.E.	W.	...	
2	30·024	30·078	68	87	86	66	E.	N.W.	..	
3	30·042	30·030	68	85	83	67	S.W.	N.E.	...	
4	30·044	30·020	74	85	84	72	N.W.	W.	...	
5	30·018	30·042	71	86	84	69	N.E.	W.	·16	
6	30·022	30·037	67	86	85	65	S.W.	S.W.	..	
7	30·016	30·046	68	87	86	66	N.E.	S.E.	...	
8	29·996	29·938	67	84	86	65	S.W.	S.E.	..	
9	30·040	30·064	68	87	86	73	E.	W.	...	
10	30·076	30·024	75	87	86	68	W.	S.E.	..	
11	30·116	30·106	74	84	84	68	S.E.	N.E.	..	
12	30·008	30·068	67	81	84	65	N.E.	S.	·06	
13	30·031	30·092	69	88	87	65	S.W.	N.W.	...	
14	30·014	30·100	69	81	79	67	N.E.	W.	·01	
15	30·052	30·041	71	87	81	69	W.	W.	...	
16	30·004	30·074	65	90	89	65	N.E.	S.	...	
17	30·068	30·088	66	86	82	64	S.	N.	..	
18	30·068	30·109	67	86	84	65	S.W.	S.E.	...	
19	30·012	30·083	66	85	82	64	N.E.	S.W.	...	
20	30·062	30·120	70	85	84	67	N.E.	S.W.	..	
21	30·020	30·124	68	85	82	69	N.E.	S.W.	...	
22	30·010	30·027	68	84	84	67	S.W.	N.E.	...	
23	30·029	30·116	66	88	86	65	N.	S.W.	...	
24	30·018	30·016	70	88	86	65	N.	S.E.	...	
25	30·088	30·102	72	85	84	70	E.	S.W.	·17	
26	30·073	30·028	71	86	86	69	N.E.	E.	...	
27	30·020	30·032	69	84	85	67	N.E.	S.E.	...	
28	30·004	29·914	68	85	83	64	N.E.	N.E.	...	
29	30·008	30·060	72	89	87	67	N.E.	S.E.	...	
30	30·018	30·012	68	80	78	66	N.E.	N.E.	·10	
31	30·024	30·062	73	88	87	68	N.	S.E.	...	
Mean ...	30·033	30·032	69·1	85·6	84·3	66·9	Total..		·01	

Tension of Vapour ·672. Relative Humidity 75° Dew Point for month 67·2.

Ht. above mean Sea level—66·7 ft. Long. 61° 31′ Lat. 10° 40′ N.

METEOROLOGICAL OBSERVATIONS. FEBRUARY, 1914.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	Inches.	
	In.	In.	°	°	°	°				
1	30·060	30·052	87	84	86	64	S.E.	S.E.	..	
2	30·048	30·074	67	90	88	65	N.E.	W.	...	
3	30·048	30·060	69	87	85	65	W.	N.W.	...	
4	30·020	30·064	71	85	83	65	N.E.	S.	..	
5	30·029	30·046	68	88	87	66	S.W.	N.W.	..	
6	30·024	30·061	69	82	80	67	N.W.	S.W.	...	
7	30·065	30·030	75	87	86	70	S.W.	N.E.	...	
8	30·064	30·078	76	84	82	72	N.W.	S.W.	...	
9	30·060	30·087	73	87	84	70	N.E.	S.W.	...	
10	30·072	30·076	73	83	82	70	S.W.	S.W.	..	
11	30·014	30·098	70	84	83	68	N.E.	N.E.	·05	
12	30·056	30·030	73	84	85	70	N.W.	S.W.	...	
13	30·024	30·068	70	84	83	69	N.	S.	·04	
14	30·052	30·080	73	87	86	72	N.E.	S.E.	·02	
15	30·110	30·114	76	88	86	70	N.E.	S.	..	
16	30·084	30·036	74	89	88	69	N.	S.	..	
17	30·026	30·040	72	87	85	68	S.W.	N.E.	·01	
18	30·074	30·108	71	82	79	72	E.	S.W.	·16	
19	30·084	30·080	71	88	86	68	S.	S.	·04	
20	30·098	30·068	72	82	81	68	N.E.	N.W.	·08	
21	30·056	30·008	71	86	86	71	S.	S.E.	...	
22	30·028	29·994	77	86	83	68	W.	N.W.	...	
23	30·016	30·021	77	81	79	75	W.	S.	·12	
24	30·056	30·092	76	86	84	75	N.	S.	..	
25	30·026	30·114	74	85	83	69	N.W.	S.	·09	
26	30·050	30·104	72	85	84	68	N.	S.E.	...	
27	30·024	30·086	69	82	83	66	N.E.	S.	..	
28	30·090	30·084	65	82	82	67	S.W.	S.	...	
Mean ...	30·052	30·066	72·5	85·1	83·8	68·8		Total ...	·02	

Tension of Vapour ·642. Relative Humidity 60° Dew Point for month 66·1.

Ht. above mean Sea level 66·7 ft. Long. 61° 31′ Lat. 10° 40′ N.

ST. CLAIR EXPERIMENT STATION.

METEOROLOGICAL OBSERVATIONS. MARCH, 1914.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	Inches.	
	In.	In.	°	°	°	°				
1	30·063	30·056	68	86	83	62	S.W.	S.E.	...	
2	30·052	30·054	70	86	84	68	N.E.	S.E.	·16	
3	30·064	30·084	67	86	84	60	S.W.	S.	·22	
4	30·002	30·068	65	88	85	62	N.E.	N.W.	...	
5	30·078	30·022	68	84	82	62	S.W.	N.W.	...	
6	30·016	30·052	69	82	83	73	E.	N.W.	·28	
7	30·068	30·060	68	87	86	65	S.W.	S.E	..	
8	30·066	30·104	66	89	88	63	S.E.	S.E.	...	
9	30·150	30·105	69	88	86	63	E.	W.	...	
10	30·144	30·132	72	90	87	65	W.	W.	...	
11	30·146	30·130	70	89	86	67	N.	S.	...	
12	30·050	30·054	69	86	86	65	S.W.	S.E.	...	
13	30·050	30·064	73	85	85	67	N.E.	S.E.	·04	
14	30·054	30·068	72	90	88	67	N.E.	S.E.	..	
15	30·014	30·020	68	91	87	65	N.	W.	...	
16	30·004	30·056	77	89	87	76	S.	W.	...	
17	30·056	29·036	73	91	88	70	S.W.	W.	..	
18	30·004	30·024	75	90	87	67	E.	S.W.	...	
19	30·068	30·064	69	85	85	66	S.	W.	...	
20	30·054	30·072	68	84	84	65	S.E.	S.E.	·10	
21	30·004	30·054	75	82	82	72	S.	N.W.	·30	
22	30·054	30·105	68	88	85	65	N.E.	S.E.	...	
23	30·066	30·089	67	89	87	63	N.E.	N.W.	.	
24	30·106	30·081	70	89	86	67	W.	W.	..	
25	30·048	30·089	72	86	85	68	N.E.	W.	..	
26	30·078	30·048	69	83	81	66	W.	S.E.	·18	
27	30·048	29·968	70	87	87	61	E.	S.E.	...	
28	29·992	30·023	69	90	88	66	S.	N.W.	.	
29	30·036	30·036	72	91	89	68	N.E.	W.	...	
30	30·024	30·032	72	86	85	77	N.	W.	..	
31	30·064	30·077	74	86	85	71	N.	W.	...	
Mean ...	30·056	30·062	70·1	87·1	85·5	66·5		Total ..	·04	

Tension of Vapour ·750. Relative Humidity 81° Dew point for month 70·4.

Ht. above mean sea level—66·7 ft. Long. 61° 31′ Lat. 10° 40′ N.

METEOROLOGICAL OBSERVATIONS. APRIL, 1914.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	Inches.	
	In.	In.	°	°	°	°				
1	30·067	30·076	73	90	89	67	N.E.	S.E.	·02	
2	30·080	30·078	73	90	88	68	S.W.	W.	...	
3	30·064	30·074	72	92	90	75	N.E.	W.	...	
4	29·074	30·088	71	91	89	67	E.	W.	.	
5	30·010	30·087	74	90	88	68	N.	W.	..	
6	30·072	30·074	71	91	89	68	N.W.	W.	...	
7	30·072	30·044	71	90	88	67	S.W.	N.	...	
8	30·002	30·022	77	88	84	71	S.E.	N.W.	...	
9	30·039	30·026	71	90	88	67	S.	W.	...	
10	30·040	30·001	71	91	90	67	N.E.	S.E.	...	
11	30·108	30·108	71	90	90	70	S.W.	S.E.	...	
12	30·080	30·084	70	91	89	66	N.	N.W.	...	
13	30·060	30·088	74	81	79	69	S.E.	N.W.	·02	
14	30·076	30·078	74	87	86	70	S.W.	N.	...	
15	30·068	30·080	71	88	87	67	N.E.	N.W.	...	
16	30·064	30·056	69	86	84	66	N.E.	N.W.	...	
17	30·060	30·020	70	91	89	66	E.	N.E.	...	
18	30·068	30·056	72	93	91	67	N.E.	N.	..	
19	30·080	30·060	71	92	90	67	N.E.	S.W.	..	
20	30·002	30·050	71	84	78	67	N.E.	N.	·16	
21	30·048	30·036	70	81	80	66	W.	W.	·62	
22	30·024	30·064	68	87	85	65	N.E	S.	...	
23	30·002	30·048	69	87	85	66	N.E.	W.	...	
24	29·968	29·976	69	87	85	66	E.	S.	..	
25	29·965	29·959	72	87	85	68	S.	S.	..	
26	30·006	29·991	75	88	87	71	N.E.	N.	...	
27	30·002	30·023	72	89	87	69	N.E.	N.W.	...	
28	30·036	30·028	74	80	78	71	W.	W.	·19	
29	30·060	30·068	74	91	89	71	N.E.	S.E.	..	
30	30·002	30·055	71	89	87	68	N.E.	W.	...	
Mean ...	30·039	30·049	71·7	88·4	86·4	68·0		Total ...	·03	

Tension of Vapour ·696. Relative Humidity 72°. Dew point for month 68·3.

Ht. above mean sea level—66·7 ft. Long. 61° 31′ Lat. 10° 40′ N.

ST. CLAIR EXPERIMENT STATION.

METEOROLOGICAL OBSERVATIONS. MAY, 1914.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	Inches.	
	In.	In.	°	°	°	°				
1	30·014	30·009	77	90	89	73	N.E.	N.W.	...	
2	30·056	30·011	79	89	87	76	W.	S.E.	·02	
3	30·102	30·094	79	91	90	76	S.W.	S.	...	
4	30·104	30·054	74	87	87	70	N.	S.E.	...	
5	30·060	30·072	73	91	89	70	N.W.	S.	...	
6	30·076	30·108	73	90	88	69	N.E.	N.	...	
7	30·072	30·056	70	92	89	66	W.	W.	...	
8	30·064	30·088	71	92	90	68	S.E.	S.W.	...	
9	30·056	30·152	72	92	91	73	W.	N.W.	...	
10	30·152	30·151	74	93	90	69	E.	S.E.	...	
11	30·168	30·068	72	90	88	68	N.E.	W.	..	
12	30·105	30·074	75	88	88	69	W.	N.E.	..	
13	30·058	30·062	75	92	90	70	N.E.	W.	...	
14	30·118	30·087	76	89	89	69	S.W.	W.	·08	Earthquake, 8.28 a.m.
15	30·068	30·086	75	85	85	73	N.E.	E.	...	
16	30·060	30·068	74	87	85	71	N.E.	N.E.	...	
17	30·096	30·084	78	90	88	70	N.E.	S.W.	...	
18	30·068	30·124	79	90	87	71	N.W.	S.W.	...	
19	30·068	30·014	77	82	81	65	S.W.	N.	·09	
20	30·022	30·030	74	83	82	69	E.	W.	·04	
21	30·036	30·016	74	89	88	71	S.W.	W.	...	
22	30·150	30·002	73	89	88	70	N.E.	N.W.	...	
23	30·059	30·082	74	93	91	71	S.W.	S.E.	...	
24	30·110	30·140	76	91	90	72	N.E.	S.E.	...	
25	30·066	30·064	76	82	81	72	E.	N.E.	·21	
26	30·088	30·128	75	87	84	71	S.W.	N.E.	·14	
27	30·022	30·016	76	82	81	68	N.E.	S.E.	·56	
28	30·036	30·062	75	81	79	71	S.	W.	·60	
29	30·064	30·028	76	89	88	73	N.E.	N.E.	·03	
30	30·071	30·048	75	85	90	73	S.W.	S.E.	·28	
31	30·040	30·068	75	89	90	72	N.E.	N.E.	...	
Mean ...	30·075	30·069	74·9	88·3	87·2	70·6		Total ...	·06	

Tension of Vapour ·746. Relative Humidity 73° Dew point for month 70·8.
Ht. above mean sea level—66·7 ft. Long. 61° 31′. Lat. 10° 40′ N.

METEOROLOGICAL OBSERVATIONS. JUNE, 1914.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	Inches.	
	In.	In.	°	°	°	°				
1	30·072	30·030	75	82	80	72	N.E.	N.E.	·19	
2	30·064	30·044	77	87	85	74	S.W.	S.	...	
3	30·012	30·020	73	86	85	70	N.E.	N.E.	..	
4	30·148	29·970	74	87	86	71	E.	N.E.	..	
5	29·968	29·986	76	87	87	72	N.E.	W.	...	
6	30·038	30·020	74	84	86	71	W.	N.E.	...	
7	30·042	30·030	74	89	88	70	E.	N.E.	·38	
8	30·024	30·052	75	88	88	72	N.E.	W.	·08	
9	30·050	30·062	72	88	86	69	N.	W.	·01	
10	30·042	30·011	75	89	87	72	S.W.	W.	...	
11	30·049	30·030	75	80	79	71	S.W.	N.E.	·59	
12	30·068	30·072	75	81	81	72	N.E.	S.E.	·58	
13	30·074	30·086	73	87	85	69	N.	N.E.	·02	
14	30·068	30·072	76	86	87	75	N.	S.E.	...	
15	30·022	30·046	74	85	84	71	N.E.	S.W.	·33	
16	30·061	30·045	75	86	85	73	S.W.	S.	·11	
17	30·079	30·041	75	81	80	72	S.W.	W.	·44	
18	30·064	30·040	74	84	81	73	S.W.	E.	·65	
19	30·066	30·060	75	87	86	70	N.W.	S.E.	...	
20	30·064	30·102	76	86	86	74	S.E.	E.	·21	
21	30·134	30·122	77	86	86	74	S.W.	N.W.	·05	
22	30·068	30·086	75	88	88	73	N.E.	S.W.	...	
23	30·074	30·039	79	81	78	73	S.W.	S.W.	·20	
24	30·024	30·060	73	85	83	70	N.E.	E.	·14	
25	30·070	30·116	77	89	87	73	S.E.	N.W.	..	
26	30·032	30·064	76	83	83	72	W.	S.E.	·42	
27	30·068	30·052	75	84	81	72	S.E.	E.	·90	
28	30·082	30·079	75	79	81	72	S.W.	S.W.	·50	
29	30·028	30·036	74	80	78	72	N.E.	W.	·63	
30	30·102	30·062	74	88	87	70	W.	N.E.	·91	
Mean ...	30·058	30·051	74·9	85·1	84·1	71·8		Total...	·24	

Tension of Vapour ·798. Relative Humidity 79° Dew point for month 72·4.
Ht. above mean sea level—66·7 ft. Long. 61° 31′. Lat. 10° 40′ N.

ST. CLAIR EXPERIMENT STATION.

METEOROLOGICAL OBSERVATIONS. JULY, 1914.

y.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	Inches.	
	In.	In.	°	°	°	°				
1	30·068	30·087	73	86	84	69	N.E.	N.	...	
2	30·070	30·079	76	82	80	73	N.W.	N.E.	·25	
3	30·064	30·068	76	89	87	69	N.E.	S.E.	...	
4	30·166	30·016	75	87	86	71	S.W.	S.E.	...	
5	30·130	30·130	74	87	80	72	N.E.	N.	·64	
6	30·198	30·108	75	86	85	69	E.	S.W.	60	
7	30·068	30·162	72	88	86	67	N.E.	N.	·04	
8	30·170	30·182	73	89	87	69	N.	E.	...	
9	30·170	30·078	73	89	87	68	S.E.	W.	...	
0	30·148	30·166	72	87	88	68	N.E.	N.	...	
1	30·109	30·148	74	89	87	70	S.W.	N.E.	...	
2	30·128	30·030	75	80	84	70	E.	S.E.	...	
3	30·120	30·150	71	88	86	67	N.E.	S.W.	·04	
4	30·072	30·094	73	86	86	70	N.W.	S.W.	·12	
5	30·072	30·066	75	88	88	74	N.E.	S.E.	...	
6	30·076	30·198	76	87	86	70	N.E.	N.E.	...	
7	30·133	30·150	73	84	83	69	S.W.	N.W.	...	
8	30·146	30·106	71	78	86	67	N.	S.E.	...	
9	30·120	30·068	73	87	87	68	N.E.	N.	·82	
0	30·018	30·008	72	88	87	69	S.E.	N.E.	·55	
1	30·058	30·080	76	89	87	68	N.W.	W.	...	
2	30·074	30·102	74	90	88	71	N.E.	S.W.	...	
3	30·082	30·084	72	87	86	68	N.E.	S.W.	...	
4	30·012	30·052	71	88	87	68	N.W.	W.	·04	
5	30·024	30·029	75	82	80	72	S.W.	S.	·30	
6	30·018	30·030	73	87	87	70	N.E.	S.E.	...	
7	30·068	30·050	72	82	82	69	E.	S.	·03	
8	30·058	30·052	73	88	86	69	S.W.	N.W.	...	
9	30·048	30·046	73	85	84	69	N.E.	S.E.	·12	
0	30·035	30·022	72	79	87	68	S.W.	S.E.	·85	
1	30·092	30·024	73	83	82	70	N.W.	N.E.	·65	
n ...	30·090	30·084	73·4	86·0	85·3	69·3		Total ...	·16	

Tension of Vapour ·772. Relative Humidity 77° Dew Point for month 71·7.
Ht. above mean sea level—66·7 ft. Long. 61° 31′ Lat. 10° 40′ N.

METEOROLOGICAL OBSERVATIONS. AUGUST, 1914.

y.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	Inches.	
	In.	In	°	°	°	°				
1	30·064	30·040	74	88	88	72	N.	S.E.	...	
2	30·036	30·026	73	87	86	69	N.	N.	...	
3	30·060	30·088	72	88	86	68	N.	S.W.	...	
4	30·356	30·060	72	90	88	70	N.E.	S.E.	..	
5	30·068	30·064	73	89	89	70	N.E.	N.E.	·13	
6	30·068	30·119	74	85	84	71	N.	N.E.	...	
7	30·162	30·129	77	90	88	71	E.	S.W.	...	
8	30·070	30·018	72	80	73	69	N.E.	N.	1·03	
9	30·010	30·016	75	79	72	68	N.W.	N.E.	1·05	
0	30·024	30·062	72	87	85	68	S.	N.E.	...	
1	30·060	30·086	71	87	87	68	N.E.	S.E.	...	
2	30·020	30·062	73	87	85	70	S.W.	E.	·16	
3	30·025	30·028	72	81	80	69	W.	E.	·14	
4	30·006	30·018	72	83	81	68	S.	S.W.	·14	
5	30·024	30·040	74	79	79	70	N.E.	S.E.	1·04	
6	30·078	30·068	74	82	79	70	N.E.	N.	·56	
7	30·018	30·016	71	80	78	67	N.E.	N.E.	·03	
8	30·004	30·050	70	84	82	67	N.E.	S.W.	...	
9	30·012	30·052	74	86	86	71	N.E.	S.W.	...	
0	30·056	30·059	74	81	79	71	N.E.	S.	·70	
1	30·062	30·060	74	83	82	73	S.E.	S.E.	·22	
2	30·056	30·060	74	78	77	70	S.E.	N.E.	1·40	
3	30·040	30·044	71	89	88	67	N.E.	S.E.	...	
4	30·048	30·002	71	81	81	65	N.E.	S.E.	·76	
5	30·054	30·068	73	89	88	68	N.E.	W.	...	
6	30·068	30·080	73	88	87	69	N.E.	N.E.	...	
7	30·094	30·049	72	87	89	68	N.	W.	·04	
8	30·070	30·076	73	83	81	69	N.E.	S.W.	1·02	
9	30·068	30·070	75	87	86	69	N.W.	N.E.	...	
0	30·078	30·068	75	86	85	71	N.E.	N.E.	·15	
1	30·024	30·002	73	83	81	70	N.	W.	·58	
n ...	30·051	30·054	73·0	84·7	83·2	69·2		Total ...	·29	

Tension of Vapour ·798. Relative Humidity 88° Dew Point for month 72·3.
Ht. above mean sea level—66·7 ft. Long. 61° 31′ Lat. 10° 40′ N.

ST CLAIR EXPERIMENT STATION.

METEOROLOGICAL OBSERVATIONS. SEPTEMBER, 1914

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	Inches.	
	In.	In.	°	°	°	°				
1	30·078	30·076	73	82	79	69	S.W.	S.W.	·11	
2	30·020	30·040	73	87	86	70	N.E.	N.	·90	
3	30·016	30·046	73	86	91	69	N.W.	E.	...	
4	30·014	30·050	74	86	86	70	E.	W.	...	
5	30·079	30·060	73	88	87	69	S.W.	S.E.	...	
6	30·080	30·068	75	89	89	71	N.	S.E.	...	
7	30·056	30·056	74	89	89	70	S.E.	S.W.	...	
8	30·030	30·069	76	89	87	72	N.E.	W.	·24	
9	30·068	30·016	76	76	74	70	N.E.	N.E.	·66	
10	30·026	30·048	73	89	87	68	N.	N.W.	...	
11	30·068	30·012	74	87	86	69	N.E.	S.	·18	
12	30·026	30·008	75	80	78	72	W.	N.E.	·18	
13	30·060	30·042	78	80	79	72	S.E.	N.E.	·92	
14	30·018	30·046	73	77	77	72	N.E.	N.	1·08	
15	30·008	30·028	73	90	89	68	N.	N.E.	...	
16	30·010	30·036	71	89	89	69	S.E.	S.E.	...	
17	29·942	29·918	73	77	77	62	N.W.	N.E.	·50	
18	29·934	30·004	74	85	83	70	N.W.	N.W.	...	
19	30·001	30·028	75	88	87	71	W.	N.E.	...	
20	30·026	30·040	74	85	85	71	N.E.	S.E.	..	
21	30·030	30·028	73	81	79	69	N.E.	W.	·99	
22	30·008	30·014	73	86	84	71	N.W.	N.W.	1·33	
23	30·014	30·022	74	89	87	69	N.W.	N.W.	...	
24	30·116	30·018	75	86	86	69	S.E.	N.E.	...	
25	30·008	30·016	73	85	85	70	S.E.	E.	...	
26	30·001	30·018	71	84	84	67	W.	N.E.	·05	
27	30·010	30·014	70	87	85	67	N.E.	N.E.	·37	
28	30·014	30·002	73	89	88	70	N.E.	S.W.	...	
29	30·014	30·012	73	80	88	69	S.	W.	·29	
30	30·022	30·002	77	89	87	70	S.E.	N.E.	...	
Mean ...	30·056	30·027	73·7	85·1	84·6	69·5		Total ...	·25	

Tension of Vapour ·848. Relative Humidity 76° Dew point for month 72·7.
Ht. above mean sea level—66·7 ft. Long. 61° 31′. Lat. 10° 40′ N.

METEOROLOGICAL OBSERVATIONS. OCTOBER, 1914.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	Inches.	
	In.	In.	°	°	°	°				
1	30·026	30·036	73	88	86	69	S.W.	S.	...	
2	30·004	29·912	73	89	88	70	N.E.	N.	·61	
3	29·948	29·964	72	83	80	69	N.E.	N.E.	·19	
4	29·917	30·013	73	87	84	70	N.	W.	...	Earthquake.
5	30·010	30·028	73	81	80	70	N.E.	S.W.	·31	
6	30·052	30·029	75	80	77	71	W.	S.W.	·27	
7	29·964	29·986	71	87	84	68	N.E.	W.	·07	Earthquake.
8	30·017	29·996	74	86	86	70	S.	S.E.	...	
9	30·020	30·008	73	87	85	70	N.E.	S.W.	...	
10	30·018	30·026	73	90	90	69	N.	S.W.	...	
11	30·022	29·982	74	89	89	71	N.E.	N.E.	2·32	
12	30·010	29·991	74	86	84	71	N.E.	N.W.	·06	
13	30·062	30·038	74	90	88	71	S.W.	N.	...	
14	30·060	30·061	73	88	89	70	N.E.	W.	...	
15	30·014	30·016	73	90	88	70	N.E.	N.W.	...	
16	30·020	30·020	72	90	90	68	N.E.	W.	...	
17	30·060	30·020	73	86	84	70	N.E.	N.W.	...	
18	30·002	29·976	73	82	80	70	S.E.	S.E.	·10	
19	29·960	30·072	73	84	83	70	E.	W.	..	
20	29·976	29·982	73	78	77	69	S.W.	S.W.	·11	
21	29·996	30·009	74	88	86	70	W.	S.	·02	
22	30·060	29·975	75	86	86	72	N.E.	W.	·06	
23	30·056	29·998	73	86	87	70	N.	S.	...	
24	29·972	29·960	73	89	89	71	N.E.	N.W.	...	
25	29·968	29·978	73	89	89	69	N.W.	E.	...	
26	30·060	30·050	76	88	87	70	E.	S.W.	...	
27	30·060	30·056	78	87	84	72	S.E.	S.W.	...	
28	30·020	30·026	74	86	85	70	S.E.	N.E.	·47	
29	30·018	30·028	75	84	81	69	E.	S.W.	·43	
30	30·008	29·986	72	86	84	69	N.E.	S.	·01	
31	29·984	29·958	72	87	86	69	S.W.	N.E.	1·11	
Mean ...	30·011	30·005	73·4	86·3	85·0	69·9		Total...	·19	

Tension of Vapour ·826. Relative Humidity 84? Dew point for month 73·2.
Ht. above mean sea level—66·7 ft. Long. 61° 31′. Lat. 10° 40′ N.

METEOROLOGICAL OBSERVATIONS. NOVEMBER, 1914.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	Inches.	
	In.	In.	°	°	°	°				
1	29·944	29·910	75	79	78	71	N.E.	E.	·67	
2	29·954	29·964	74	75	75	62	N.E.	S.E.	1·22	
3	29·968	29·940	73	78	76	67	N.E.	S.E.	1·36	
4	29·960	29·956	74	84	83	71	N.E.	E.	...	
5	29·966	29·990	73	89	89	70	S.E.	S.E.	...	
6	29·964	29·988	73	90	88	70	E.	N.W.	...	
7	30·008	29·992	74	91	88	71	N.E.	S.E.	·03	
8	30·020	29·992	74	87	84	71	N.E.	S.E.	...	
9	29·958	29·924	73	87	85	69	N.E.	S.E.	...	
10	30·006	29·985	75	87	85	71	S.W.	W.	...	
11	29·964	29·984	73	89	88	70	N.E.	N.W.	...	
12	29·964	29·928	70	88	89	67	N.E.	E.	...	
13	29·952	29·948	72	86	86	69	N.E.	S.E.	...	
14	29·976	29·986	71	84	84	68	S.	S.E.	·24	
15	29·908	29·960	72	82	81	69	S.E.	N.	·22	
16	29·970	29·986	71	83	80	68	N.	S.W.	·30	
17	29·968	29·984	72	83	83	68	N.E	E.	·05	
18	29·912	29·986	72	84	85	69	N.E.	W.	·05	
19	30·019	30·014	72	85	84	68	S.W.	S.W.	..	
20	30·004	29·962	72	82	82	65	N.W.	N.	1·47	
21	29·966	29·988	72	84	82	69	N.E.	N.	·44	
22	29·982	30·002	72	87	86	69	N.E.	S.E.	·06	
23	30·008	30·025	73	80	81	69	N.E.	W.	1·27	
24	30·006	30·019	72	84	82	69	N.E.	S.W.	·01	
25	29·934	29·974	73	87	87	69	N.E.	W.	..	
26	29·972	29·945	73	81	80	70	N.	N.	·17	
27	30·018	30·016	78	85	85	71	E.	N.W.	·05	
28	30·020	30·042	73	88	87	72	N.E.	S.E.	..	
29	30·022	30·044	73	86	84	70	N.E.	S.E.	..	
30	30·012	29·999	70	86	85	67	E.	S.	...	
an ...	29·976	29·981	72·8	84·8	83·7	68·9		Total ...	·25	

Tension of Vapour ·799. Relative Humidity 72°. Dew point for month 72·3.

Ht. above mean sea level—66·7 ft. Long. 61° 31′ Lat. 10° 40′ N.

ST. CLAIR EXPERIMENT STATION.

METEOROLOGICAL OBSERVATIONS. DECEMBER, 1914.

Day.	Barometer.		Air Temperature.				Wind Direction.		Rainfall.	Remarks.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	Inches.	
	In.	In.	°	°	°	°				
1	29·928	29·986	72	86	84	67	N.E.	N.W.	...	
2	30·006	30·032	73	82	80	71	N.E.	W.	·22	
3	30·008	29·986	72	82	82	68	N.E.	N.	·70	
4	30·016	30·004	72	85	85	67	E.	S.E.	...	
5	29·974	29·968	71	83	82	69	N.E.	S.E.	·20	
6	29·972	29·976	71	86	85	68	N.E.	N.	...	
7	29·928	30·088	72	88	88	70	N.E.	S.E.	...	
8	29·956	29·954	73	87	86	70	N.E.	W.	...	
9	30·004	29·964	77	86	86	71	N.E.	S.E.	...	
10	30·014	30·040	75	78	75	71	S.E.	N.E.	1·78	
11	30·016	29·998	74	82	81	71	N.E.	N.W.	·41	
12	30·016	30·020	72	84	83	69	N.E.	S.E.	...	
13	30·020	30·002	73	87	86	69	N.E.	S.E.	·70	
14	30·006	30·050	73	88	88	71	N.E.	S.E.	...	
15	30·048	30·012	73	84	84	71	S.W.	S.	...	
16	30·060	30·076	72	82	85	64	N.E.	N.W.	·08	
17	30·018	30·044	70	82	85	67	N.	S.W.	...	
18	30·006	29·972	69	79	78	61	N.E.	S.E.	·16	
19	29·926	30·016	70	84	82	67	S.W.	N.E.	·02	
20	29·992	29·982	69	83	82	66	E.	S.E.	·22	
21	30·024	30·037	74	81	84	71	N.E.	N.W.	...	
22	30·046	30·032	73	84	83	70	W.	S.E.	·45	
23	30·064	30·032	74	80	83	70	N.E.	S.E.	·27	
24	30·066	30·068	74	83	81	71	N.	E.	·12	
25	30·042	30·046	71	84	84	69	E.	N.E.	...	
26	30·058	30·096	70	85	85	67	N.E.	N.	·04	
27	30·090	30·076	71	83	82	67	N.E.	N.E.	..	
28	30·060	30·076	74	83	82	69	N.	S.W.	...	
29	30·068	30·086	75	82	81	73	N.E.	S.	...	
30	30·036	30·051	70	80	81	67	S.E.	N.W.	·60	
31	30·028	30·012	72	82	81	68	N.E.	N.E.	·24	
ean ...	30·016	30·023	72·9	83·3	83·0	68·7		Total ..	·18	

Tension of Vapour ·772. Relative Humidity 83° Dew point for month 71·3

Ht. above mean sea level—66·7 ft. Long. 61° 31′ Lat. 10° 40′ N.

Table XLIX.

ANNUAL RETURN OF RAINFALL FOR THE ISLANDS OF TRINIDAD AND TOBAGO FROM 98 STATIONS.

1914.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1914.
NORTH WEST DISTRICT.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
Royal Botanic Gardens—St. Clair	0·50	0·61	1·28	1·01	2·05	7·34	5·05	9·15	7·80	6·14	7·61	5·58	54·12
Colonial Hospital—Port-of-Spain	0·41	1·04	0·06	1·45	1·49	6·58	4·49	4·19	7·60	4·69	4·50	5·03	41·53
Royal Gaol, Port-of-Spain	0·51	1·31	0·07	1·37	1·89	6·20	4·87	5·10	8·71	5·32	5·22	5·80	46·37
Constabulary Head Quarters, Port-of-Spain	0·68	1·49	0·02	1·26	2·64	6·51	4·46	5·71	5·14	4·57	2·58	3·17	38·23
Reservoir—St. Ann's	0·49	1·66	0·85	1·05	1·78	6·38	7·38	10·04	6·40	5·37	9·88	4·73	56·01
Reservoir—Maraval	0·63	1·52	1·93	1·38	2·08	6·85	5·87	7·57	7·07	6·84	10·50	4·30	56·54
Constabulary Station, Maraval	0·60	1·07	1·38	1·87	2·76	7·53	7·79	6·02	9·30	11·63	9·30	5·73	64·98
Constabulary Station, Diego Martin	0·43	1·23	1·38	1·32	3·96	6·33	6·93	4·10	10·34	10·65	6·97	5·32	58·96
Waterworks, Diego Martin	0·86	0·80	1·30	1·47	3·62	5·89	8·29	4·65	9·58	10·81	6·54	4·81	58·62
River Estate, Diego Martin	0·58	0·96	1·18	1·66	3·85	5·88	8·84	4·74	9·21	9·83	6·03	4·80	57·56
Signal Station, Fort George	0·65	1·26	2·21	1·23	2·66	6·98	5·44	11·89	5·32	9·43	8·90	5·58	61·55
Signal Station, North Post	0·88	1·00	0·94	0·66	2·72	5·69	8·54	4·86	7·42	9·76	5·11	3·55	51·13
Constabulary Station, Carenage	0·63	1·08	2·70	0·74	5·11	10·42	6·98	13·53	5·85	12·30	8·99	7·67	76·00
Convict Depôt, Carrera Island	0·82	0·80	0·24	0·54	2·22	7·34	5·07	10·31	6·45	7·70	3·46	4·60	49·55
Light House, Chacachacare	0·84	1·08	0·98	0 98	4·25	6·03	4·25	4·91	5·81	5·44	1·98	5·69	42·24
Monthly average	0·63	1·13	1·10	1·20	2·87	6·79	6·28	7·12	7·47	8·00	6·50	5·09	54·22
SANTA CRUZ-MARACAS DISTRICT.													
Constabulary Station, Santa Cruz	0·78	1·41	1·33	0·89	2·12	8·56	10·13	5·09	7·71	10·94	8·70	3·23	60·89
Government Farm, St. Joseph	1·09	1·38	0·31	3·38	1·57	7·12	4·00	5·16	6·85	7·27	7·00	7·56	52·69
Constabulary Station, St. Joseph	0·58	1·56	0·10	3·01	1·24	6·53	3·94	4·55	5·03	7·05	5·59	5·55	44·73
St. Augustine Estate, Tunapuna	1·16	1·76	0·15	3·50	1·41	6·24	3·58	4·28	6·73	5·93	8·18	7·44	50·36
Government School—Maracas	1·32	1·15	1·05	0·95	2·74	8·61	4·37	5·36	9·37	13·08	8·78	5·11	61·89
Ortinola Estate—Maracas	1·35	2·99	0·86	1·08	2·35	7·61	4·51	4·15	7·84	7·98	10·18	6·26	57·16
Wardour Estate—Caura	1·16	1·44	0·69	2·00	1·90	7·07	4·73	4·75	6·32	6·92	11·34	6·60	54·92
Monthly average	1·06	1·67	0·64	2·11	1·90	7·39	503	4·76	7·12	8·45	8·53	5·96	54·66

Table XLIX.—Continued.

ANNUAL RETURN OF RAINFALL FOR THE ISLANDS OF TRINIDAD AND TOBAGO FROM 98 STATIONS.

1914.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1914.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
WEST CENTRAL DISTRICT.													
Frederick Estate, Caroni	5·98	3·10	1·90	3·77	4·48	20·64	10·16	13·89	12·33	7·06	9·72	9·06	102·09
Constabulary Station, Chaguanas	1·47	1·98	0·45	0·69	2·31	9·75	1·70	5·92	9·64	5·33	4·66	8·77	52·67
Woodford Lodge Estate, Chaguanas	1·56	2·20	0·34	0·90	2·82	9·39	3·28	5·98	9·62	4·79	4·94	8·32	54·14
Waterloo Estate, Carapichaima	1·23	1·69	0·45	1·83	3·46	8·04	3·31	3·41	7·05	3·80	6·54	5·69	46·50
Friendship Hall Estate, Carapichaima	1·24	2·45	0·57	1·46	4·40	8·55	2·90	3·65	7·89	4·40	7·15	7·75	52·41
Exchange Estate, Couva	0·79	0·66	0·23	0·85	1·87	6·91	5·90	3·12	7·38	5·63	5·54	5·02	43·90
Brechin Castle Estate, Couva	1·14	1·06	0·26	1·55	2·10	8·90	5·00	3·45	9·15	5·75	6·77	6·00	51·13
Perseverance „ „	0·93	1·57	0·39	1·11	3·34	8·98	6·71	3·87	9·43	5·39	6·73	5·93	54·38
Camden „ „	0·58	0·97	0·15	0·86	1·77	7·56	4·09	3·43	6·41	6·52	5·65	5·98	43·97
Milton „ „	1·01	0·47	0·10	1·59	1·16	9·90	3·94	3·04	8·96	9·41	6·56	6·83	52·97
Spring „ „	1·05	1·93	Nil	0·94	1·53	9·74	4·17	3·96	6·74	6·17	7·12	8·05	51·50
Constabulary Station, Couva	0·84	0·34	0·42	1·33	2·89	9·50	4·26	3·22	8·94	6·82	6·33	6·02	50·91
Esperanza Estate, Savonetta	0·95	0·33	Nil	1·70	2·03	7·62	4·96	2·98	9·14	6·15	6·17	5·05	47·08
Monthly average	1·44	1·44	0·40	1·43	2·63	9·65	4·64	4·61	8·63	5·94	6·45	6·80	54·13
SAN FERNANDO-PRINCES TOWN DISTRICT.													
Forres Park Estate, Claxton's Bay	0·88	0·88	0·17	1·29	1·36	6·31	3·08	2·41	7·34	4·80	4·21	4·41	37·14
Bonne Aventure Estate, Pointe-à-Pierre	1·47	2·16	0·32	1·08	1·88	9·24	5·12	3·23	4·84	6·93	7·60	8·35	52·22
Concord „ „	1·02	2·20	0·34	0·80	2·45	10·03	5·12	3·24	6·65	8·44	7·23	7·12	54·64
Plein Palais , „	0·86	0·76	0·21	0·89	1·05	8·52	4·02	3·11	8·96	5·97	5·76	4·80	44 91
Picton Estate, Naparima	0·64	1·75	1·30	0·58	2·05	5·95	5·39	3·15	5·99	3·18	6·22	9·02	45·22
Usine Ste. Madeleine Estate, Naparima	0·98	0·88	0·94	1·68	2·00	8·42	5·99	2·93	7·76	4·63	5·50	8·94	50·65

Table XLIX.—Continued.

ANNUAL RETURN OF RAINFALL FOR THE ISLANDS OF TRINIDAD AND TOBAGO FROM 98 STATIONS.

1914.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total. 1914.
San Fernando-Princes Town District.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
La Fortunée Estate, Naparima	0·65	1·22	0·78	0·60	2·75	5·56	6·45	3·91	5·79	6·35	7·69	7·59	49·34
Lewisville „ „	1·46	1·32	0·70	1·64	1·85	9·50	6·50	4·40	7·64	6·43	5·13	8·29	54·86
Tarouba Estate „	0·95	0·78	0·28	0·54	0·86	5·93	4·94	2·65	5·89	4·90	3·62	4·24	35·58
Union Hall „ „	1·14	1·35	0·53	1·62	1·93	6·70	6·04	2·63	6·11	5·26	5·85	7·36	46·62
Palmiste „ „	0·86	1·33	0·63	0·96	1·98	8·15	6·03	3·62	7·53	4·39	6·63	8·41	50·52
Hermitage „ „	0·78	2·07	1·26	0·95	2.12	6·41	5·97	3·52	6·44	4·80	5·83	8·12	48·27
Craignish „ Princes Town	1·16	2·70	1·23	1·55	1·67	11·42	7·19	4·66	5·24	4·74	5·64	11·30	58·80
Cedar Hill „ „	1·94	1·83	1·47	1·10	1·86	9·59	6·52	3·53	6·77	4·87	5·69	10·44	55·91
Williamsville Estate Princes Town	3·02	2·16	0·81	0·50	1·84	9·64	7·70	4·01	5·54	6·66	7·76	9·09	58·73
New Grant Estate, „	2·44	2·31	1·34	1·54	3·21	11·66	8·05	6·95	6·31	7·39	6·48	14·01	71·69
Constabulary Station, „	0·94	0·91	0·69	0·55	1·27	7·48	4·33	2·66	4·58	3·71	5·40	7·77	40·29
Esmeralda Estate „	2·04	3·41	0·32	1·12	1·99	10·04	6·62	4·55	8·24	7·21	6·97	9·53	62·04
Hindustan Estate „	1·61	2·62	1·02	1·15	2·39	10·99	7·01	4·99	4·81	5·39	5·13	12·12	59·77
La Retraite Estate „	4·70	4·36	1·70	1·75	3·81	16·03	7·77	7·37	8·13	10·65	8·42	15·32	90·01
Malgretoute „ „	1·55	1·94	1·04	1·36	1·75	10·98	6·42	4·15	5·00	5·16	5·66	10·44	55·45
Friendship and Ben Lomond Estates, Savana Grande	1·35	1·64	0·89	1·56	1·29	8·96	5·46	4·46	8·77	6·11	6·23	9·60	56·32
El Rosario Estate, Poole	1·79	3·79	1·53	0·87	3·38	15·57	7·09	6·44	6·69	5·91	8·44	15·39	76·89
Monthly average	1·50	1·93	0·85	1·13	2·03	9·26	6·03	4·02	6·56	5·82	6·22	9·20	54·60
Montserrat District.													
Constabulary Station, Montserrat	1·39	1·55	0·46	1·78	1·92	9·53	3·87	3·52	7·65	6·81	8·08	7·22	53·78
La Vega Estate, Brasso	2 86	2·69	0·32	0·77	2·87	11·98	4·54	4·06	8·43	10·14	7·64	11·59	67·89
Monthly average	2·12	2·12	0·39	1·27	2·39	10·75	4·20	3·79	8·04	8·47	7·86	9·40	60·83
Arima District.													
Warden's Office, Arima	1·88	2·33	0·18	0·22	2·59	10·01	2·35	5·64	7·54	5·38	3·26	7·56	48·94
Torrecilla Estate, Arima	2·32	3·89	1·20	3·37	3·67	12·01	4·94	9·48	6·15	12·13	9·96	15·11	84·23
Verdant Vale Estate, Arima	1·69	2·44	1·61	3·19	3·03	11·93	6·24	5·93	8·20	11·76	8·72	11·00	75·84
Constabulary Station, SanRafael	1·92	5·05	1·28	2·79	5·64	12·68	4·58	8·55	11·94	7·87	8·89	15·44	86·63
Talparo Estate, Guanapo	1·77	3·35	0·85	1·35	3·56	13·02	4·18	9·41	7·35	5·19	8·18	11·52	69·73
Santa Marta Estate, Tamaana	2·79	3·55	2·35	1·70	5·25	15·10	5·63	9·63	6·48	8·07	12·50	16·02	90·07
Monthly average	2·06	3·43	1·24	2·10	3·95	12·46	4·67	8·10	7·94	8·40	8·58	12·77	75·90

Table XLIX.—Continued.

ANNUAL RETURN OF RAINFALL FOR THE ISLANDS OF TRINIDAD AND TOBAGO FROM 98 STATIONS.

1914.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1914.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
South West District.													
Constabulary Station, Oropuche	0·85	1·89	1·57	1·95	5·71	8·06	8·83	5·88	5·80	8·63	9·31	8·57	67·05
Pluck Estate, Oropuche	0·34	2·09	0·87	1·17	3·04	5·79	6·50	3·58	5·67	9·83	7·03	9·65	55·56
Constabulary Station, Siparia	2·15	4·80	1·94	2·04	1·94	7·92	12·23	6·25	7·65	10·66	11·68	14·74	84·20
Adventure Estate, Guapo	0·75	0·80	1·72	0·52	5·69	6·37	7·62	5·41	8·08	7·26	5·98	9·15	59·35
Constabulary Station, Cap-de-Ville	1·69	1·10	2·82	1·67	4·63	10·80	15·05	7·38	9·81	9·14	8·22	8·94	81·25
La Ressource Estate, Erin	2·23	1·04	1·07	0·47	3·58	10·88	8·01	4·97	5·19	7·70	5·65	12·02	62·81
Industry Estate, Erin	2·86	1·31	1·70	0·43	3·29	12·03	9·16	6·73	5·36	4·47	6·17	10·65	64·16
Constabulary Station, Cedros	1·97	1·57	1·90	0·32	2·11	8·74	6·91	6·42	5·73	5·39	4·23	6·37	53·66
Perseverance Estate, Cedros	1·78	1·80	1·90	0·31	1·58	9·08	6·71	5·20	7·62	4·97	4·41	6·67	52·03
Constance Estate, Icacos	1·24	0·69	0·65	0·09	1·14	6·38	6·96	6·35	8·60	4·75	3·00	1·17	41·02
Monthly average	1·58	1·70	1·61	0·90	3·27	8·60	8·80	5·81	6·95	7·28	6·56	8·79	62·10
South Coast.													
Constabulary Station, Moruga	1·48	1·95	1·66	1·09	1·41	6·85	7·94	4·44	3·58	4·69	3·93	11·68	50·70
North Coast.													
Constabulary Station, Blanchisseuse	1·58	3·08	0·37	0·47	4·86	11·04	8·61	4·46	6·80	7·33	6·31	5·14	60·05
Mon Plaisir Estate, Grande Rivière	2·60	4·55	2·30	2·00	7·85	9·40	8·45	8·25	7·10	7·85	17·60	11·70	89·65
Aragua House, Toco	2·23	2·91	1·06	1·04	2·59	11·53	5·62	6·25	3·93	11·43	7·21	7·62	63·42
Constabulary Station, Toco	1·74	3·42	1·19	0·95	2·85	9·80	5·53	5·20	3·45	11·08	8·07	5·99	59·27
Light House, Point Galera	0·59	1·84	0·48	0·17	1·93	5·55	4·20	2·76	1·75	9·14	5·06	3·62	37·09
Monthly average	1·74	3·16	1·08	0·92	4·01	9·46	6·48	5·38	4·60	9·36	8·85	6 81	61·89
East Coast.													
La Juanita Estate, Matura	2·20	2·62	1·73	1·57	4·72	12·41	7·00	11·96	4·59	11·04	7·23	11·80	78·87
Constabulary Station, Manzanilla...	2·82	2·27	1·60	2·10	2·91	13·16	6·21	9·80	7·51	7·75	10·06	17·25	83·44
Sta. Estella Estate, Sangre Grande	4·22	3·07	3·24	3·70	4·02	11·18	6·59	8·79	8·46	8·02	13·03	15·31	89·63
New Lands Estate ,, ...	3·55	2·58	1·66	3·61	4·51	10·81	5·70	8·20	7·06	9·83	12·12	18·87	88·50
Evasdale ,, ,, ...	3·12	4·12	2·34	3·96	4·41	12·88	6·02	11·13	7·41	8·49	11·54	15·45	91·87
Grosvenor ,, ,, ...	2·55	3·56	1·99	3·71	3·44	11·57	6·21	10·08	6·76	10·36	13·33	17·77	91·33
Constabulary Station, Mayaro	1·72	1·49	1·17	2·05	2·58	8·32	4·90	5·42	3·74	4·74	8·14	12·31	56·58
Monthly average	2·88	2·81	1·96	2·95	3·79	11·47	6·09	9·34	6·50	8·60	10·78	15·54	82·89
Tobago.													
Hermitage Estate Tobago	3·29	3·02	2·37	1·74	3·32	6·74	7·54	4·41	7·85	11·66	10·05	6·63	68·62
Riversdale Estate ,, ...	1·38	1·86	1·06	0·27	1·64	4·85	4·89	5·09	4·88	6·23	3·78	6·06	41·99
King's Bay ,, ,, ...	3·46	3·14	1·94	0·96	3·09	6·21	6·48	4·67	6·96	6·14	7·33	5·72	56·10
Roxborough Estate ,, ...	3·49	3·80	3·32	0·85	3·55	8·23	7·58	4·62	7·93	9·24	6·74	9·58	68·93
Luré ,, ,, ...	4·55	3·16	2·79	1·31	3·56	10·47	8·22	5·02	6·68	8·12	7·65	8·77	70·28
Botanic Station, ,, ...	2·28	1·26	1·24	0·47	2·51	6·61	6·57	4·48	5·30	6·01	7·30	7·71	51·74
Government Farm ,, ...	0·98	0·53	0·79	0·03	0·71	3·41	4·19	2·73	3·93	3·01	5·61	5·50	31·42
Lowlands Estate ,, ...	0·98	1·76	0·47	0·21	1·05	5·96	4·99	4·25	4·48	4·27	5·91	5·33	39·66
Friendship Estate ,, ...	1·46	2·56	0·61	0·56	2·06	6·04	5·23	4·77	4·01	3·32	6·54	4·71	41·87
Monthly average	2·43	2·34	1·62	0·71	2·38	6·50	6·18	4·45	5·78	6·44	6·77	6·67	52·29
Grand Total	...	...	...	...	...	...	...	...	...	...	...	...	5764·73
Monthly average for the year													58·82

RIVER ESTATE, DIEGO MARTIN.

TABLE 17.—Receipts and Payments for the year ended March 31, 1914, Compared with the Estimates.

Receipts.	Original Estimate.	Revised Estimate.	Receipts.	Expenditure.	Original Estimate.	Amended Estimate.	Expenditure.
	£ s. d.	£ s. d.	£ s. d.		£ s. d.	£ s. d.	£ s. d.
RECURRENT.				RECURRENT.			
Sale of Cacao ...	2,062 10 0	2,393 10 10	2,358 13 4	Management Staff :—			
Rents	18 10 0	18 10 0	18 18 6½	Manager ...	200 0 0	200 0 0	200 0 0
Sale of Fruit ...	10 8 4	25 0 0	21 6 1½	Clerical Assistance	37 10 0	37 10 0	31 11 10½
Pasture Fees ...	25 0 0	21 5 0	22 13 1½	Overlookers ...	71 10 0	63 15 7	60 4 0½
Sale of three Donkeys (and foal) ...	10 8 4	....	10 8 4	Watchman ...	30 6 8	26 10 2	26 0 0
				Stockkeeper ...	30 6 8	30 6 8	28 4 9½
Total Recurrent ...	2,126 16 8	2,458 5 10	2,431 19 5½	Yardman ...	26 0 0	29 16 6	29 16 6
				Stock :—			
				Supplies, Implements, Repairs, &c. ...	50 0 0	57 14 5	57 14 5
EXTRAORDINARY.				Cultivation ...	515 12 6	458 7 6	458 7 6
Sale of five acres of land to Town Board	...	100 0 0	100 0 0	Manufacture ...	235 8 4	219 1 2	192 15 0½
				Maintenance ...	98 19 2	98 19 2	97 7 2½
				Total Recurrent ...	1,295 13 4	1,222 1	1,182 1 4½
				EXTRAORDINARY.			
				Improvements ...	250 0 0	323 9 8	323 9 8
				ADVANCES REPAID COLONIAL TREASURY DURING 1913-14 ...	...	...	1,000 0 0
				BALANCE ON MARCH 31, 1914.			
BALANCE IN COLONIAL BANK ON MARCH 31, 1913	...		536 14 3	Colonial Bank			557 0 7
				Manager		...	6 2 1
			£3,068 13 8½				£3,068 13 8½

Statement showing Balance of Advances unpaid on March 31, 1914.

Due Colonial Treasury—Balance outstanding at March 31, 1913	£1,976 5 8½
Advance repaid Colonial Treasury at March 31, 1914	1,000 0 0
Balance outstanding at March 31, 1914	£ 976 5 8½

Examined and found correct,

R. G. BUSHE,
July 31, 1914. Auditor-General.

R. G. BUSHE,
July 27, 1914. Chairman, Board of Management.

V. G. FREEMAN,
July 13, 1914. Acting Director of Agriculture.

TABLE 18.—Statement showing amount owing on the Estate to March 31, 1914.

	£ s. d.	£ s. d.
Balance outstanding on 31st March, 1913	... ...	1,976 5 8½
Advances repaid to 31st March, 1914 :—		
8th August, 1913	300 0 0	
15th September, 1913	100 0 0	
30th March, 1914	600 0 0	1,000 0 0
Balance outstanding at 31st March, 1914	... ...	976 5 8½

RIVER ESTATE.

TABLE 19.—Rainfall from April 1, 1913 to March 31, 1914.

Day of Month.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.
1 ...	·00	·00	·00	·05	·00	1·42	·12	·00	·00	·00	·00	·0
2 ...	·02	·00	·05	·07	1·68	·41	·09	·05	·00	·00	·00	·
3 ...	·13	·00	·00	·40	·37	·03	·50	·04	·00	·00	·03	·0
4 ...	·00	·02	·09	·00	·63	·00	·25	·00	2·13	·13	·00	·0
5 ...	·00	·00	·00	·00	2·70	1·13	·63	·02	·00	·08	·03	·0
6 ...	·00	·00	·14	·00	·00	1·11	·03	·00	·07	·00	·06	·0
7 ...	·00	·00	·00	·00	·38	·15	·07	·00	·05	·00	·00	·1
8 ...	·00	·00	·53	·00	·35	·90	·20	·46	·04	·00	·10	·
9 ...	·00	·00	·00	·24	·00	·00	·00	·05	·00	·00	·18	·0
10 ...	·00	·00	·00	·00	·09	·38	·07	·13	·00	·00	·03	·
11 ...	·10	·00	·00	·13	·10	1·32	·00	1·47	·00	·02	·10	·
12 ...	·00	·00	1·02	·10	·74	·00	·03	·13	·00	·00	·00	·0
13 ...	·00	·00	·00	·00	2·82	·15	·23	·12	·20	·00	·00	·
14 ...	·00	·00	·17	·14	·04	90	·00	·26	·04	·00	·03	·0
15 ...	·00	·13	·00	·00	·00	·00	·00	·14	·00	·00	·00	·
16 ...	·00	·00	·41	·85	·00	·45	·00	·00	·00	·00	·02	·
17 ...	·10	·00	·20	1·05	·13	·14	·57	·00	·00	·00	·05	·
18 ...	·00	·00	·00	·00	·00	·41	·60	1·48	·04	·00	·00	·
19 ...	·00	·00	·50	·00	·43	·00	·03	1·56	·30	·20	·03	·
20 ...	·04	·06	1·02	·00	·16	1·60	·00	·03	·83	·00	·17	·0
21 ...	·00	·00	·40	·03	·37	·00	·00	·13	·03	·00	·00	·
22 ...	·00	·00	·21	·78	·00	·08	·00	·24	·00	·02	·00	·0
23 ...	·00	·00	·05	·07	·44	·03	·08	·92	·00	·00	·11	·
24 ...	·00	·29	·16	·84	1·45	·15	·00	·13	·02	·00	·02	·
25 ...	·01	·09	·16	·05	·49	·00	·00	·25	·01	·00	·00	·
26 ...	·00	·00	·43	·40	·84	·16	·00	·19	·00	·13	·00	·
27 ...	·03	·14	·08	·00	·77	·04	·39	·29	·04	·00	·00	·
28 ...	·00	1·05	·34	·23	·06	·00	·21	·00	·00	·00	·00	·
29 ...	·00	·06	·09	·00	·94	·14	·10	·08	·00	·00	...	·
30 ...	·00	·00	·00	·45	·03	·04	·00	·03	·00	·00	...	·
31 ...	...	·48	...	·03	·09	...	·56	...	·20	·00	...	·
	·43	2·32	6·05	5·91	16·10	11·14	4·76	8·20	4·00	·58	·96	·

Total for year 61·63.

Table XXX.

MONTHLY RAINFALL FOR THE WHOLE COLONY.

1915.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1915.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
NORTH WEST DISTRICT.													
Royal Botanic Gardens—St. Clair	2·10	0·66	Nil.	2·63	2·76	7·05	12·76	5·27	4·21	9·28	7·84	1·75	56·31
Colonial Hospital—Port-of-Spain	1·35	0·27	,,	1·46	2·54	5·89	9·01	3·85	4·54	6·69	5·43	1·45	42·48
Royal Gaol, Port-of-Spain	1·98	0·45	,,	1·97	3·44	6·29	10·58	5·04	5·10	7·19	5·71	2·36	50·11
Reservoir—St. Ann's	3·75	0·43	,,	2·23	3·07	8·29	14·72	4·99	5·56	10·78	7·67	1·66	63·15
Reservoir—Maraval	2·29	0·88	,,	3·51	4·03	9·78	11·87	7·18	6·39	8·43	7·63	2·44	64·43
Constabulary Station, Maraval	2·43	0·03	,,	5·15	4·55	11·29	15·04	9·99	7·85	10·81	8·92	1·87	77·93
Constabulary Station, Diego Martin	2·22	0·70	,,	4·35	6·56	10·31	12·92	5·73	6·92	8·01	8·96	2·87	69·55
Waterworks, Diego Martin	1·92	1·11	0·12	4·36	5·72	6·26	12·81	6·79	6·06	8·85	9·21	2·82	66·03
River Estate, Diego Martin	1·84	1·04	0·04	4·34	6·01	7·59	13·47	7·05	6·06	8·45	8·39	2·85	67·13
Signal Station, Fort George	2·42	0·25	Nil.	1·93	3·24	8·29	12·34	10·26	3·70	9·56	8·16	1·14	61·29
Signal Station, North Post	1·23	0·22	,,	3·11	5·76	4·87	11·65	5·35	7·53	6·19	9·34	3·66	58·91
Constabulary Station, Carenage	2·18	0·34	,,	2·38	6·64	10·53	15·12	8·14	4·49	5·31	12·39	2·46	69·98
Convict Depôt, Carrera Island	0·59	0·11	0·02	1·11	4·63	4·24	10·22	6·40	3·91	3·82	7·93	1·73	44·71
Light House, Chacachacare	1·75	0·44	0·06	3·03	3·58	7·22	6·80	6·37	3·76	4·51	4·56	3·40	45·48
Monthly average	2·00	0·49	0·01	2·96	4·46	7·70	12·09	6·60	5·43	7·70	8·01	2·31	59·82
SANTA CRUZ-MARACAS DISTRICT.													
Constabulary Station, Santa Cruz	2·36	0·24	Nil.	3·83	5·23	8·57	13·23	7·06	3·56	8·76	7·19	4·10	64·43
Government Farm, St. Joseph	2·50	0·23	,,	3·60	5·08	7·27	12·76	4·42	5·59	9·34	4·95	1·46	57·20
Constabulary Station, St. Joseph	2·39	0·03	,,	3·85	2·91	4·47	7·56	1·91	3·80	7·61	4·71	1·15	40·39
St. Augustine Estate, Tunapuna	2·09	0·48	,,	5·66	4·10	7·51	9·46	3·67	5·03	8·42	5·20	2·05	53·67
Government School—Maracas	2·95	Nil.	,,	3·44	3·69	6·84	11·70	7·14	4·88	10·10	7·06	2·44	60·24
Ortinola Estate—Maracas	3·09	0·52	0·14	3·73	3·18	9·23	11·18	7·40	4·85	10·10	5·52	2·79	61·73
Wardour Estate—Caura	1·88	0·37	0·09	2·83	2·80	7·00	10·36	6·77	7·38	6·41	6·14	2·83	54·86
Monthly average	2·46	0·26	0·03	3·84	3·85	7·31	10·89	5·48	5·01	8·67	5·82	2·40	56·07

Table XXX.—Continued.

MONTHLY RAINFALL FOR THE WHOLE COLONY.

1915.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1915.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
West Central District.													
Frederick Estate, Caroni	2·57	0·40	0·02	8·12	4·03	10·61	11·80	5·46	5·44	8·77	6·10	3·59	66·91
Constabulary Station, Chaguanas	2·69	0·35	0·25	3·11	5·34	8·36	12·35	8·59	5·40	9·70	7·77	3·26	67·17
Woodford Lodge Estate, Chaguanas	2·79	0·41	0·15	3·02	5·38	8·62	12·47	7·18	5·56	9·46	6·33	2·85	64·22
Waterloo Estate, Carapichaima	3·39	0·15	0·03	2·20	4·27	6·68	12·29	4·47	5·68	11·70	6·96	4·16	61·98
Friendship Hall Estate, Carapichaima	4·55	0·45	Nil.	2·35	4·66	7·39	14·27	11·15	5·12	9·12	8·40	3·92	71·88
Exchange Estate, Couva	4·99	0·63	Nil.	2·58	3·09	6·95	11·81	7·22	5·02	9·84	3·78	3·05	58·96
Brechin Castle Estate, Couva	4·16	0·73	Nil.	1·95	4·22	8·86	11·01	7·11	4·83	8·73	4·21	4·48	60·29
Perseverance ,, ,, ...	3·86	0·43	0·09	2·01	3·30	5·51	11·48	4·99	5·65	11·60	3·81	3·56	56·29
Camden ,, ,, ...	3·47	1·01	0·10	2·31	3·54	7·92	10·02	8·21	4·27	8·10	4·22	3·22	56·39
Milton ,, ,, ...	5·21	0·88	0·22	2·11	3·97	10·75	11·63	9·62	7·22	7·04	3·68	5·02	67·35
Spring ,, ,, ...	4·76	0·78	0·11	1·72	5·50	10·10	11·39	13·26	6·21	7·56	4·61	3·14	69·14
Constabulary Station, Couva	4·26	1·14	0·06	2·06	2·30	7·78	11·78	5·86	7·35	8·94	3·89	2·99	58·41
Esperanza Estate, Savonetta	5·33	0·33	0·05	2·21	4·16	8·91	9·71	8·48	5·32	7·16	4·47	4·88	61·01
Monthly average	4·00	0·59	0·83	2·75	4·13	8·34	11·69	7·85	5·62	9·05	5·24	3·70	63·07
San Fernando-Princes Town District.													
Forres Park Estate, Claxton's Bay	4·51	0·33	0·02	3·09	3·75	9·53	7·97	7·16	8·14	5·48	4·53	1·97	56·48
Bonne Aventure Estate, Pointe-à-Pierre	5·91	0·72	0·24	2·23	4·54	9·76	9·56	9·74	6·98	4·77	6·34	3·53	64·32
Concord ,, ,, ...	7·01	0·78	0·45	2·66	5·19	10·88	10·30	9·63	7·01	5·29	6·20	4·46	69·86
Plein Palais ,, ,, ...	3·97	1·20	Nil.	1·56	3·39	10·05	9·13	7·90	5·65	5·85	5·13	4·58	58·41
Picton Estate, Naparima	6·01	1·56	Nil.	1·30	5·00	6·89	13·63	5·59	6·27	5·39	8·07	4·65	64·36
Usine Ste. Madeleine Estate, Naparima	4·76	1·85	0·36	1·55	5·31	8·21	11·96	6·36	4·50	5·36	7·00	4·91	62·13

Table XXX.—Continued.

MONTHLY RAINFALL FOR THE WHOLE COLONY.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total. 1915.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
San Fernando-Princes Town District.													
La Fortunée Estate, Naparima	4·15	1·22	Nil.	2·56	4·34	4·86	11·60	6·81	4·16	6·52	7·49	4·06	57·77
Lewisville „ „	6·34	1·86	0·06	2·15	5·50	9·35	11·48	9·46	5·07	7·04	7·21	5·05	70·57
Tarouba Estate „	8·39	1·27	Nil.	1·43	2·11	4·49	8·93	6·91	2·67	3·69	5·11	3·01	48·04
Union Hall „ „	3·52	0·68	„	1·75	4·16	6·37	10·76	4·63	3·49	5·55	6·55	5·12	52·58
Palmiste „ „	4·58	1·01	0·07	2·88	4·77	8·45	14·34	6·89	5·18	7·34	6·90	5·38	67·79
Hermitage „ „	4·81	0·80	0·10	2·00	4·94	6·18	12·23	6·99	5·06	5·34	6·75	4·78	59·98
Craignish „ Princes Town	5·83	1·21	0·22	2·91	5·73	8·01	12·32	7·76	4·03	7·95	8·18	5·99	70·14
Cedar Hill „ „	4·60	2·18	Nil.	1·80	5·34	8·68	11·70	8·21	4·99	6·82	7·09	6·29	67·70
Williamsville Estate Princes Town	6·29	1·05	„	1·41	5·00	9·64	12·41	14·47	7·47	7·21	7·00	5·38	77·33
Esmeralda Estate „	6·57	0·72	0·13	1·81	5·95	10·38	11·12	8·84	6·14	12·41	7·49	4·76	76·32
New Grant Estate, „	8·49	1·28	0·19	6·89	7·42	8·43	13·45	10·59	5·44	6·27	7·78	8·76	84·99
Constabulary Station, „	3·54	2·50	0·17	1·96	4·41	6·70	5·53	5·71	3·65	4·44	5·47	2·87	46·95
Hindustan Estate „	6·35	0·73	0·12	4·39	7·20	9·55	12·82	9·00	4·40	4·06	8·25	7·37	74·24
La Retraite Estate „	9·12	1·56	0·27	5·23	10·17	12·31	15·54	9·59	5·72	6·66	7·40	7·69	91·26
Malgretoute „ „	5·19	1·77	0·13	2·25	6·28	9·55	8·47	10·18	6·41	9·75	10·98	5·77	76·73
Friendship and Ben Lomond Estates, Savana Grande	5·77	1·10	0·11	2·23	5·19	8·55	9·93	11·21	5·81	4·40	8·79	4·97	68·06
El Rosario Estate, Poole	7·95	1·40	0·11	3·09	11·63	15·05	12 99	9·56	10·12	8·35	9·73	8·28	98·26
Monthly average	5·81	1·25	0·11	2·57	5·53	8·77	11·22	8·39	5·58	6·34	7·19	5·20	68·01
Montserrat District.													
Constabulary Station, Montserrat	5·26	0·30	0·16	2·12	5·26	11·43	9·02	11·41	5·15	8·36	6·51	4·30	69·58
La Vega Estate, Brasso	6·40	0·34	0·15	2·85	7·54	14·13	13·50	11·21	5·38	16·70	7·87	5·61	91·68
Monthly average	5·83	0·32	0·15	2·63	6·40	12·78	11·26	11·31	5·26	12·53	7·19	4·95	80·63
Arima District.													
Warden's Office Arima	0·67	1·45	Nil.	3·05	5·85	8·68	7·69	7·94	4·90	6·55	8·36	3·32	58·46
Torrecilla Estate, Arima	3·54	0·24	0·15	4·21	7·08	12·82	15·54	4·95	8·35	7·06	9·78	4·53	78·25
Verdant Vale Estate, Arima	4·71	0·27	0·02	2·18	5 57	8·41	16·07	9·08	8·09	9·33	9·39	5·69	78·81
Constabulary Station, San Rafael	5·47	0·34	0·33	4·49	10·00	13·83	17·10	5·63	9·55	9·83	9·72	6·57	92·86
Talparo Estate, Guanapo	5·69	0·59	0·02	3·20	10·18	14·62	15·91	7·19	9·33	8·10	11·05	7·65	93·63
San José Estate	7·63	0·97	0·24	3·01	10·95	13·40	15·07	7·09	8·76	9·99	10·70	8·33	96·14
Santa Marta Estate, Tamana	8·44	0·85	0·40	3·55	10·04	12·59	15·03	10·33	10·04	9·20	11 07	7·07	98·61
Monthly average	5·16	0·67	0·16	3·39	8·52	12·05	14·63	7·45	8·43	8·58	10·01	6·16	85·25

Table XXX.—Continued.

MONTHLY RAINFALL FOR THE WHOLE COLONY.

1915.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1915.
South West District.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
Constabulary Station, Oropuche	7·46	1·17	Nil.	3·20	4·93	5·28	15·75	6·23	4·00	8 01	9·23	5·48	70·74
Pluck Estate, Oropuche	6·08	1·19	0·09	1·92	5·33	5·40	14·38	6·30	4·92	7·05	5·69	5·62	63·92
Constabulary Station, Siparia	6·42	3·45	0·45	6·56	5·52	8·31	13·69	8·79	6·99	11·72	11·25	7·62	90·77
Alta Gracia Estate, Siparia	4·82	2·16	0·39	4·85	4·10	6·51	10·36	7·12	4·63	9·97	9·61	7·10	71·62
Adventure Estate, Guapo	3·64	1·30	0·08	2·60	3·98	6·04	15·70	3·47	5·24	5·46	6·86	6·10	60·47
Constabulary Station, Cap-de-Ville	4·77	1·74	0·19	3·60	4·72	6·24	18·34	6·13	5·49	5·94	9·13	7·74	74·03
La Ressource Estate, Erin	4·72	3·10	Nil.	1·39	7·27	5·67	7·26	5·26	2·72	7·41	4·42	5·98	55·20
Industry Estate, Erin	4·01	1·39	0·08	2·91	5·48	5·77	9·71	4·45	6·03	9·19	7·62	4·40	61·04
Constabulary Station, Cedros	3·05	2·00	0·03	1·41	7·06	3·74	9·19	5·17	0·73	6·11	3 36	7 38	49·26
La Retraite Estate, Cedros	3·99	2·27	0·05	3·90	5·88	4·51	9·54	6·65	3·73	9·36	8·50	5·55	63·93
Perseverance Estate, Cedros	3·27	1·91	Nil.	1·08	7·19	4·22	9·40	4·53	0·72	6·55	2·98	7·21	49·06
Sta. Marie Estate, Cedros	3·28	1·90	Nil.	1·11	5·89	3·70	8·31	5·18	1·15	5·15	3·27	6·46	45·40
Constance Estate, Icacos	2·75	1·75	0·10	1·70	6·25	5·24	6·80	4·88	2·25	2·95	3·20	4·81	42·68
Irois Government School	5·78	2·70	Nil.	4·26	4·51	4·09	9·90	5·61	2·05	9·07	3·86	3·86	55·69
Monthly average	4·57	2·00	0·16	2·89	5·58	5·23	11·30	5·69	3·61	7·42	6·35	6·09	60·98
South Coast.													
Constabulary Station, Moruga	4·02	0·94	0·05	1·76	5·08	11·46	15·58	4·08	2·69	4·32	8·18	4·25	62·41
North Coast.													
Constabulary Station, Blanchisseuse	4·50	0·22	0·08	1·29	7·61	4·71	14·58	8·02	5·81	5·05	6·42	6·86	65·15
Mon Plaisir Estate, Grande Rivière	3·10	2·35	0·35	4·36	7·04	13·73	15·80	7·08	7·62	11·61	9·15	7·49	89·62
Aragua House, Toco	4·78	1·26	0·82	4·31	4·83	11·81	14·25	5·05	6·07	10·09	6·17	5·40	74·84
Constabulary Station, Toco	3·27	0·30	0·51	5·03	5·08	10·63	12·19	5·99	7·12	6·37	6·89	5·25	68·63
Light House, Point Galera	1·65	0·16	0·03	3·24	4·03	7·70	11·46	4·23	4·53	6·56	5·73	5·09	54·32
Monthly average	3·46	0·85	0·35	3·63	5·71	9·71	13·65	6·07	6·23	7·93	6·87	6·00	70·50
East Coast.													
La Juanita Estate, Matura	3·53	0·53	0·19	5·08	8·12	14·73	16·40	7·25	14·42	11·01	11·03	8·71	101·00
Constabulary Station, Manzanilla	6·15	1·18	0·41	4·68	10·89	16·15	8·96	7·64	7·56	16·82	10 98	7·15	98·57
New Lands Estate ,,	8·82	0·71	0·16	3·54	12·44	11·05	14·94	7·97	6·56	13 53	10·22	5·14	95·08
Evasdale ,, ,,	6·27	1·32	0·29	5·61	8·90	15·47	14·36	10·13	6·77	11·31	11·48	8·45	100·36
Grosvenor ,, ,,	5·98	1·17	0·36	7·23	10·01	16·13	14·21	9·58	7·21	15·43	11·79	9·47	108·57
Constabulary Station, Mayaro	6·21	0·30	0·19	1·97	7·39	12·88	12·68	4·86	4·47	6·12	8·19	7·03	72·29
Monthly average	6·16	0·86	0·26	4·68	9·62	14·40	13·59	7·90	7·83	12·37	10·61	7·65	95·97
Tobago.													
Hermitage Estate Tobago	3·80	1·07	0·35	8·01	5·34	3·44	17·78	11·33	9·37	13·00	8·47	7·13	89·09
Riversdale Estate ,,	3·66	1·47	0·07	2·98	4·65	4·93	12·14	7·22	7·90	5·60	6·22	3·34	60·18
King's Bay ,, ,,	4·89	0·76	0·14	7·26	7·38	4·63	13·74	7·84	10·03	12·38	8·29	7·03	84·37
Roxborough Estate ,,	6·73	1·08	0·18	6·45	7·99	6·28	17·86	10·99	12·21	15·81	11·33	8·06	104·97
Lure ,, ,,	6·25	1·84	0·10	6·05	5·67	4·57	18·99	12·59	11·75	13·77	11·25	6·32	99·15
Botanic Station, ,,	4·02	1·10	0·13	5·48	5·14	4·46	13·78	7·22	7·87	10·41	9·40	4 43	73·44
Government Farm ,,	2·60	0·19	0 05	3·08	2·85	3·02	10·14	6·44	6·41	10·17	6·63	2·44	54·05
Lowlands Estate ,,	3·69	0·48	0·05	4·28	4·46	4·29	12·49	7·98	5·94	12·56	7·39	3·13	66·74
Friendship Estate ,,	3·80	0·47	Nil.	3·91	5·34	4·56	14·20	11·29	8·24	13·04	7·68	4·03	76·56
Bon Accord Estate ,,	2·95	0·57	0·04	3·96	3·75	3·29	14·25	9·13	6·09	12·76	5·84	3·14	65·68
Monthly average	4·23	0·90	0·11	5·14	5·25	4·34	14·53	9·20	8·57	11·95	8·25	4·90	77·42
Average for the year for the whole Colony	...	...	..	...	..	...	...	...	...	...	...	...	68·54

RIVER ESTATE.

TABLE XXV.—Rainfall from January to December, 1916.

Date.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	·35	·19	·10	·00	·00	·00	·00	·00	·71	·01	·20	·00
2	1·00	·19	·04	·08	·34	·17	·00	·02	·11	·10	·37	·09
3	·06	·02	·18	·05	·00	·04	·00	·16	·07	1·73	·00	·01
4	·03	·00	·03	·00	·00	·00	·00	·00	·08	·09	·35	·02
5	·26	·00	·00	·00	·13	·04	·00	·00	1·10	·03	·00	·01
6	·00	·00	·00	·00	·06	·00	·00	.06	·16	·00	·00	·00
7	·06	·14	·15	·00	·02	·00	1·57	·01	·02	·88	·00	·00
8	·00	·12	·12	·94	·00	1·30	·37	·00	·00	1·61	·00	·00
9	·00	·00	·04	·54	·00	·00	·28	·02	·00	·03	·15	·45
10	·00	·00	·03	·18	·00	·00	·26	·09	·91	·00	3·29	·67
11	·71	·10	·00	·00	·11	·00	·55	1·20	·07	·07	1·13	·09
12	·06	·04	·18	·00	·00	·00	·12	·98	·00	·05	·67	·00
13	·40	·00	·00	·00	·00	·00	·00	·19	·22	·00	.05	·20
14	·49	·07	·00	·00	·00	·03	·46	·20	·26	·00	·05	·00
15	·52	·00	·17	·00	·00	·43	·11	·78	·57	·78	·23	·00
16	·00	·18	·84	·00	·00	1·42	·00	1.05	·00	·00	·22	·23
17	·07	·66	·22	·26	·12	·17	·00	·04	·00	·00	·17	·00
18	·00	·00	·00	·00	·08	1·17	·13	·14	1·05	·00	·00	·00
19	·38	·31	·24	1·12	·17	·78	·00	1·22	·00	·37	·41	·00
20	·36	·00	·00	·00	·13	1·02	·00	1·28	·25	·38	·57	·00
21	·00	·51	·00	·02	·00	·10	·02	1·17	·00	·03	·03	·13
22	·64	·00	·00	·00	·00	·09	·17	·00	·96	·00	·18	·28
23	·00	·00	·28	·00	·00	·00	·13	·00	·01	·23	·19	·02
24	·00	·16	·10	·00	.02	·67	.00	1·19	·49	·05	·11	·19
25	·74	·00	·34	·00	·02	·70	·17	.90	·44	·00	·00	·03
26	·00	·00	·06	·00	·00	·00	·15	·05	·00	·21	·79	·06
27	·00	·00	1·37	·00	·00	·28	·57	·58	·38	·02	·19	·04
28	·00	·00	·03	·07	·00	·94	·18	·00	·11	·14	·00	·01
29	·00	·05	·00	·00	·00	·38	·00	·00	·00	·11	·00	·70
30	·00	...	·00	·00	·12	·29	.24	·03	·28	·37	·02	·00
31	·12	...	·00	..	·00	...	·53	·70	·00	...	..	·00
Total	6·25	2·74	4·52	3·26	1.32	10.02	6.01	12·06	7·29	8·25	9·37	3·23

GRAND TOTAL ... ... 74·32

TABLE XXVI.—Details of Planting in each Field.

No. of trees.	Bearing.	Half trees.	Supplies and Missing.	Total.	Distance between trees. Feet.	Approximate Acreage.	Approximate age of bearing trees
1 ...	3,962	392	1,038	5,392	12	18	16
2 ...	2,442	285	1,404	4,131	15	21	35
3 ...	2,490	573	1,773	4,836	15	25	35
4 ...	5,950	248	10	6,208	14	28	35
5 ...	2,029	170	521	2,720	15	14	35
6 ...	5,167	639	1,057	6,863	12	23	11–13
7 ...	2,400	358	972	3,730	12	12	11–13
8 ...	3,984	728	1,013	5,725	12	19	11–13
9 ...	3,128	845	1,675	5,648	12	18	
10 ...	2,839	595	1,616	5,050	12	17	11–15
11 ...	2,227	185	849	3,261	12	10	11–15
12 ...	2,000	50	975	3,025	12–15	12	11–35
13 ...	3,011	59	559	3,629	12–15	14	11–35
14 ...	1,681	38	78	1,797	12–15	7	35
15 ...	2,209	37	335	2,581	12–15	10	35–81
16 ...	4,147	289	596	5,032	12–15	20	11–35
17 ...	4,457	398	944	5,799	12	19	11–15
18 ...	2,442	816	1,612	4,870	12	16	8– 9
19 ...	2,838	148	489	3,475	12	11	11–13
20 ...	4,889	358	981	6,228	12	20	11–15
21 ...	4,089	328	745	5,162	12	17	11–15
22 ...	4,920	,001	1,285	7,206	12	24	7–12
23 ..	3,238	,294	793	5,325	12	18	7– 8
Propagation Plot	735	95	2,860	3,690	12	12	1–10
	77,274	9,929	24,180	111,383	...	405	...

RIVER ESTATE.

TABLE XXVII.—Capital Account from 1897 to December 31, 1916.

EXPENDITURE.

	Purchase.	Surrender of Lease.	Contracts paid off.	Re-afforestation.	Improvements in Buildings, etc.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1897	4,629 1 4½	...	...	...	...	4,629 1 4½
1903-04	...	1,300 0 0	...	...	...	1,300 0 0
1906-07	...	...	118 2 3½	32 12 6	...	150 14 9½
1907-08	...	...	88 3 9	49 6 9½	...	137 10 6½
1908-09	...	...	97 18 5	49 17 2½	162 5 8	310 1 3½
1909-10	...	...	18 19 8	...	178 9 7½	197 9 3½
1910-11	...	...	609 2 7	..	44 17 7½	654 0 2½
1911-12	...	...	988 10 0½	...	326 16 10½	1,315 6 11
1912-13	...	...	...	...	293 17 7	293 17 7
1913-14	...	...	...	...	323 9 8	323 9 8
1914-15	...	...	60 6 7½	...	415 5 2½	475 11 10
1915 (nine months)	...	...	...	...	345 12 9½	345 12 9½
1916	...	...	508 8 8½	...	632 17 1	1,141 5 9½
	£4,629 1 4½	£ 1,300 0 0	£ 2,489 12 1	£ 131 16 6	£ 2,723 12 1½	£ 11,274 2 1

TABLE XXVIII.—Maintenance Account from 1897 to December 31, 1916.

	RECEIPTS.							PAYMENTS.					
	Land Sales.	Cacao.	Rents.	Pasture.	Miscellaneous.	Interest on Deposits.	Total.	Salaries & Wages.	Stock.	Cultivation.	Manufacture.	Maintenance.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
From January 1, 1897 to March 31, 1910	...	...	...	...	...	...	9,709 15 8	...	...	...	...	...	5,136 4 1
From April 1, 1910 to Dec. 31, 1915	100 0 0	12,185 7 10	106 15 10½	106 12 8	151 9 2½	...	12,650 5 7	2,097 2 9	284 17 2	1,925 19 9½	1,089 5 5	548 14 7½	5,945 19 9
From January 1, to Dec. 31, 1916.	...	3,427 0 1½	22 11 3	26 1 4½	102 14 0	2 5 0	3,580 11 9	483 1 2	149 15 9	502 8 8	299 0 1½	193 8 10	1,627 14 6½
	100 0 0	15,612 7 11½	129 7 1½	132 14 0½	254 3 2½	2 5 0	25,940 13 0	2,580 3 11	434 12 11	2,428 8 5½	1,388 5 6½	742 3 5½	12,709 18 4½

TABLE XXIX.—TRINIDAD AND TOBAGO.

RAINFALL—RETURN FOR 12 MONTHS ENDING DECEMBER, 1916.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1916.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
NORTH WEST DISTRICT.													
Royal Botanic Gardens—St. Clair	5·29	1·35	1·57	1·91	·94	10·30	8·04	11·57	10·78	6·68	9·32	1·98	69·73
Colonial Hospital—Port-of-Spain	2·82	·56	·67	·51	·86	7·73	5·65	10·60	7·22	7·03	9·06	·99	53·70
Royal Gaol, Port-of-Spain	3·69	·90	1·02	1·10	1·03	9·41	5·93	10·92	6·50	6·99	9·13	1·36	57·98
Constabulary Headquarters, Port-of-Spain	2·90	·87	·38	·89	·95	9·53	5·17	11·77	8.67	9·74	8·27	1·31	60·45
Reservoir—St. Ann's	4·81	1·16	3·35	2·21	·77	10·16	8·21	12·19	11·78	8·02	11·09	1·42	75·17
Reservoir—Maraval	6·28	3·25	3·57	2·05	1·73	9·87	10·04	14·25	10·68	9·62	8·96	2·78	84·08
Constabulary Station, Maraval	6·72	2·72	2·98	2·79	1·30	9·50	9·65	17·10	10·13	9·26	8·25	3·08	83·49
Constabulary Station, Diego Martin	7·00	2·15	4·28	4·10	1·42	10·72	8·12	13·16	10·84	8·37	11·56	3·08	84·80
Waterworks, Diego Martin	6·57	2·57	4·38	3·43	1·28	9·85	5·55	12·62	8·94	7·61	9·49	3·33	75·62
River Estate, Diego Martin	6·25	2·74	4·52	3·26	1·32	10·02	6·01	12·06	8·25	7·29	9·37	3·23	74·32
Signal Station, Fort George	5·46	1·75	1·78	2·27	0·88	11·61	6·40	12·62	11·56	6·10	8·68	2·29	71·40
Signal Station, North Post	5·66	1·53	3·40	2·11	1·67	10·81	5·08	11·47	5·51	4·06	7·00	3·24	61·54
Constabulary Station, Carenage	7·14	2·02	2·84	3·02	·97	10·24	6·79	17·61	11·54	8·81	16·04	1·80	88·82
Convict Depôt, Carrera Island	5·70	·65	1·50	·78	1·15	6·07	8·06	8·85	5.26	5·89	9·49	2·07	55·47
Light House, Chacachacare	4·16	·90	2·27	·53	1·13	5·54	5·20	6·22	3·41	4·87	9·58	1·87	45·68
SANTA CRUZ-MARACAS DISTRICT.													
Constabulary Station, Santa Cruz	7·38	1·94	2·50	2·39	2·41	5·69	10·49	22·36	15·06	6·37	8·02	3·74	88·35
Government Farm, St. Joseph	3·94	1·93	3·14	1·63	1·39	8·16	6·16	7·12	5·70	6·81	7·12	·73	53·83
Constabulary Station, St. Joseph	2·72	1·19	2·15	1·41	1·11	5·64	5·15	8·38	4·84	7·49	7·78	·76	48·62
St. Augustine Estate, Tunapuna	2·97	2·09	1·76	1·39	·97	7·38	4·83	(20	3·43	7·49	8·08	·53	50·12
Government School—Maracas	6·99	2·35	2·04	2·17	2·19	10·16	4·00	27·50	11·65	7·18	8·52	4·46	89·21
Ortinola Estate—Maracas	7·15	3·04	2·00	2·21	2·05	9·47	9·23	11·84	9·06	7·08	9·55	3·48	81·16
Wardour Estate—Caura	4·68	1·17	1·72	3·17	1·97	7·80	7·04	15·37	7·97	4·80	7·38	1·88	64·65

TABLE XXIX.—*Continued.*—RAINFALL—RETURN FOR 12 MONTHS ENDING DECEMBER, 1916.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1916.
West Central District.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
Frederick Estate, Caroni	3·74	1·79	1·77	1·15	2·42	9·57	6·12	8·10	4·73	5·37	9·91	·99	55·66
Constabulary Station, Chaguanas	4·37	0·74	·50	·89	·85	7·72	5·74	8·99	6·86	7·69	9·89	1·89	56·13
Woodford Lodge Estate, Chaguanas	4·38	·82	·67	·74	1·06	7·94	5·72	9·62	6·44	6·78	9·60	2·08	55·85
Waterloo Estate, Carapichaima	5·13	·76	·85	·48	1·10	8·72	6·90	11·53	7·42	10·45	11·29	1·41	66·04
Exchange Estate, Couva	3·46	·69	·43	1·15	1·22	4·60	4·26	14·51	8·77	4·46	9·11	·95	53·61
Brechin Castle Estate, Couva	5·33	·71	1·21	1·14	1·69	6·23	5·85	14·11	10·38	6·84	9·38	·81	63·68
Perseverance „ „	3·50	·67	·76	·95	1·22	6·59	4·50	12·07	10·40	6·67	10·68	·81	58·82
Camden „ „	5·17	·74	·83	·92	1·14	4·99	5·38	10·93	6·41	5·16	7·98	1·21	50·86
Milton „ „	6·09	1·10	·84	1·15	1·91	8·36	5·74	15·37	11·75	7·29	10·17	1·87	71·64
Spring „ „	6·85	1·29	·97	1·02	1·70	6·58	4·61	14·74	6·78	5·91	9·83	1·93	62·21
Constabulary Station, „	4·92	·69	·93	1·74	1·67	5·66	4·95	14·15	8·95	6·08	8·28	·63	59·65
Esperanza Estate „	5·98	·65	1·05	1·42	1·22	7·16	5·37	15·30	9·25	5·24	7·67	·52	60·83
Montserrat District.													
Santa Clara Estate	8·07	1·64	1·99	1·81	3·20	9·92	10·00	12·33	11·81	8·60	12·26	3·59	85·22
Constabulary Station, Montserrat	5·84	·76	·62	1·11	2·10	9·23	7·54	13·16	6·38	7·47	6·97	2·65	63·83
La Vega Estate, Brasso	9·18	1·41	1·52	1·82	2·37	9·13	7·99	11·29	7·48	8·71	13·05	2·75	76·70
Arima District.													
Warden's Office, Arima	4·19	·66	·78	1·36	2·66	10·90	6·42	9·57	7·90	8·92	8·71	1·88	63·95
Torrecilla Estate, Arima	5·43	1·34	2·74	2·89	4·08	8·57	9·80	13·82	7·68	7·11	14·07	2·52	80·05
Verdant Vale Estate, Arima	6·80	2·23	3·46	3·10	4·57	11·60	11·12	13·80	7·29	5·52	12·79	2·31	84·59
Constabulary Station, San Rafael	8·89	2·58	1·52	2·72	3·36	12·76	8·14	11·03	8·56	9·62	17·84	4·22	81·24
Talparo Estate, Guanapo	7·56	2·43	1·69	2·73	2·62	8·72	6·89	10·76	6·50	8·35	13·53	3·35	75·13
San José Estate, „	9·59	1·98	2·10	3·53	2·94	12·81	10·68	11·67	9·79	10·90	16·60	3·65	95·24
Santa Marta Estate, Tamana	11·12	2·95	2·70	3·59	4·37	12·32	11·76	10·26	9·96	11·22	16·64	5·49	102·38
La Corona Estate, Tamana	10·87	3·44	3·60	4·52	4·70	13·45	12·03	15·31	12·84	12·60	20·83	5·28	119·47
San Fernando-Princes Town District.													
Forres Park Estate, Claxton's Bay	6·63	·52	1·24	·88	·86	6·40	8·47	15·43	7·65	7·75	8·37	1·05	65·25
Bonne Aventure Estate, Pointe-à-Pierre	5·90	·56	1·01	1·90	1·59	6·50	6·54	15·75	4·33	4·14	8·77	2·40	59·39
Concord „ „	6·66	·61	1·33	2·08	1·89	6·60	5·86	15·50	4·59	4·34	9·76	2·19	61·41
Plein Palais „ „	5·80	·55	1·05	2·04	·80	5·94	6·40	13·76	5·00	3·76	7·00	1·77	53·87
Picton Estate, Naparima	5·75	1·33	·84	2·05	1·05	7·00	8·73	10·58	5·80	9·29	6·57	3·01	62·00
Usine Ste. Madeleine Estate, Naparima	6·95	·85	·94	1·31	1·53	7·86	8·10	12·53	6·23	5·08	5·98	2·29	59·65

TABLE XXIX.—*Continued.*—RAINFALL—RETURN FOR 12 MONTHS ENDING DECEMBER, 1916.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total. 1916.
SAN FERNANDO & PRINCES TOWN DISTRICT.—*Continued.*	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
La Fortunée Estate, Naparima	7·19	·61	1·03	2·57	1·00	5·58	6·00	11·12	6·15	6·90	6·32	2·20	56·67
Tarouba Estate ,, ...	4·52	Nil.	·20	Nil.	1·29	4·94	3·84	13·86	4·66	5·27	5·29	·60	44·47
Union Hall ,, ,, ...	6·63	·92	·81	2·16	1·97	6·81	8·51	12·67	5·05	5·04	6·11	2·10	58·78
Palmiste ,, ,, ...	5·84	1·63	·82	2·64	1·16	7·93	8·63	12·67	6·06	7·98	9·14	2·10	66·60
Lewisville House ,, ...	8·08	1·03	·89	1·80	2·06	8·87	8·23	16·65	7·60	5·89	6·15	2·16	69·41
Hermitage Estate ,, ...	5·19	1·15	·65	2·44	1·00	5·99	6·20	10·42	4·96	9·16	6·06	2·47	55·69
Petit Morne ,, ,, ...	6·75	·33	·26	·94	1·24	7·55	8·87	11·28	5·69	5·48	5·36	2·35	56·10
Craignish ,, Princes Town	7·01	1·04	·77	3·37	·57	7·80	7·46	12·08	7·65	6·51	7·70	3·99	65·95
Cedar Hill ,, ,, ...	6·90	·70	·69	1·46	1·20	10·48	8·82	10·73	6·81	4·91	6·45	2·68	61·83
Williamsville Estate ,, ...	10·87	1·42	·83	2·06	2·05	6·76	8·17	15·18	5·77	5·40	7·75	4·28	70·54
Esmeralda ,, ,, ...	8·46	·87	1·20	1·70	2·56	8·35	7·43	9·82	6·24	6·85	9·07	3·06	64·91
New Grant ,, ,, ...	6·73	1·18	1·54	2·50	1·73	9·58	7·17	15·31	6·43	6·18	7·94	4·98	71·27
Constabulary Station ,, ...	6·18	·87	·85	3·04	·37	7·00	7·21	11·62	6·84	5·00	6·54	3·19	58·71
Hindustan Estate ,, ...	7·05	1·80	1·92	3·91	1·50	9·49	8·60	15·42	6·44	5·77	6·85	1·26	70·01
La Retraite ,, ,, ...	12·64	1·62	1·95	3·63	3·94	12·92	10·28	18·73	9·41	8·16	9·96	6·14	99·38
Malgretoute ,, ,, ...	8·91	1·08	·84	2·56	1·18	6·95	9·81	14·14	7·91	5·87	7·13	3·41	69·79
Friendship and Ben Lomond Estates	8·64	·20	Nil.	2·51	1·16	7·27	8·98	15·04	7·88	7·77	6·15	3·20	68·80
El Rosario Estate, Poole	11·94	1·83	2·89	2·84	3·25	11·75	11·63	10·44	7·85	7·42	11·83	5·91	89·58
SOUTH WEST DISTRICT.													
Constabulary Station, Oropuche	5·55	1·22	1·99	2·72	1·45	7·08	7·88	8·00	8·32	9·57	6·13	3·05	62·96
Pluck Estate, Oropuche	7·19	1·64	·64	4·50	1·11	7·30	5·71	10·78	3·76	8·45	5·44	2·65	59·17
Constabulary Station, Siparia	4·88	2·13	1·36	3·96	·83	8·69	4·81	11·54	4·99	8·91	6·59	4·29	62·98
Alta Gracia Estate, Siparia	7·20	2·35	1·26	4·16	1·06	9·39	6·14	12·20	5·63	8·58	6·71	4·14	68·82

TABLE XXIX.—*Continued.*—RAINFALL—RETURN FOR 12 MONTHS ENDING DECEMBER, 1916.

1916.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1916.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	In.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
SOUTH WEST DISTRICT.—*(Continued.)*													
Adventure Estate, Guapo	5·22	2·52	2·25	4·25	1·13	8·00	6·84	10·49	8·12	4·84	6·87	3·58	64·11
Constabulary Station, Point Fortin	5·96	4·50	3·50	5·05	1·11	9·80	7·31	12·83	8·98	5·40	9·51	4·34	78·29
La Ressource Estate, Erin	1·98	2·24	1·10	2·85	1·24	4·42	4·58	6·64	6·37	4·79	4·46	4·62	45·29
Industry Estate, Erin	5·78	1·96	2·29	1·12	1·63	6·35	4·65	7·97	7·00	6·21	6·50	4·22	55·68
La Retraite Estate, Cedros	7·33	5·49	7·58	5·17	3·17	8·38	4·52	18·73	6·24	4·31	10·19	3·38	84·49
Beaulieu Estate, Cedros	6·70	3·66	3·32	3·29	1·48	6·21	5·73	6·05	5·34	6·94	4·15	3·61	56·48
Perseverance Estate, Cedros	6·90	2·64	3·75	3·95	1·57	7·25	5·10	6·34	6·13	5·91	5·45	4·16	59·15
St. Marie Estate, Cedros	7·00	2·41	4·45	4·79	1·49	6·71	4·56	5·90	5·68	3·80	5·27	4·70	56·76
Constabulary Station, Cedros	6·59	2·26	4·20	5·04	1·16	5·85	5·41	6·50	6·20	5·53	6·05	4·45	59·24
Constance Estate, Icacos	6·61	1·53	2·45	2·10	5·01	11·89	8·25	7·48	8·03	9·81	4·89	6·17	76·22
Irois Government School	6·78	4·57	4·51	9·57	1·44	8·25	4·88	7·74	8·28	3·18	8·92	3·89	72·01
SOUTH COAST.													
Constabulary Station, Moruga	4·69	1·79	2·58	3·65	1·30	8·61	10·43	12·23	6·50	9·96	7·75	6·47	75·96
EAST COAST.													
La Juanita Estate, Matura	7·24	3·20	3·11	4·37	5·13	8·70	7·37	11·93	9·68	6·43	11·57	3·12	81·85
Constabulary Station, Manzanilla...	10·53	2·20	3·79	2·40	4·23	7·74	10·06	8·34	6·65	11·45	14·42	6·59	88·40
New Lands Estate, Sangre Grande	9·03	1·91	2·89	3·85	3·68	9·69	12·81	8·95	9·04	6·24	15·17	5·68	88·94
Evasdale ,, ,, ...	9·96	3·95	4·10	4·14	4·13	8·22	11·03	9·90	8·72	10·15	18·14	5·95	98·39
Grosvenor ,, ,, ...	10·43	3·35	4·14	3·79	4·90	8·16	9·83	10·06	8·13	9·94	19·74	6·95	99·42
San Hilario ,, ,, ...	6·98	3·13	4·64	3·33	4·69	6·14	10·69	10·67	5·12	9·51	13·43	3·26	81·59
Constabulary Station, Mayaro	9·08	1·67	1·65	2·67	2·83	7·22	11·20	16·37	6·75	10·34	10·23	5·01	85·02
NORTH COAST.													
Constabulary Station, Blanchisseuse	9·12	2·62	4·02	2·24	2·66	7·28	3·88	16·08	7·96	6·45	16·43	6·77	85·51
Mon Plaisir Estate, Grande Rivière	9·54	4·55	6·84	3·54	5·65	9·56	10·94	12·03	10·09	8·70	19·16	7·89	108·49
Aragua House, Toco	6·26	4·11	4·04	2·59	2·80	8·04	6·43	16·06	6·81	9·23	14·90	7·19	88·46
Constabulary Station, Toco	5·87	2·98	3·17	2·60	2·77	6·17	4·91	15·71	4·51	6·28	13·05	7·74	75·76
Light House, Point Galera	1·98	3·53	2·43	2·18	·93	6·59	3·63	11·61	5·34	2·99	6·34	6·11	53·66
TOBAGO.													
Hermitage Estate Tobago	8·91	3·25	2·99	2·94	3·77	9·73	7·73	20·11	8·05	17·02	14·99	4·33	103·82
King's Bay ,, ,, ...	8·55	3·00	2·59	2·83	3·88	6·81	7·43	16·30	12·08	15·67	11·65	4·25	95·04
Roxborough ,, ,, ...	11·33	4·38	2·81	3·75	5·45	8·15	5·88	16·97	12·58	19·08	12·51	6·34	109·23
Lure ,, ,, ...	10·21	4·12	3·11	2·05	4·31	6·28	5·49	14·27	8·31	21·50	13·89	6·32	99·86
Botanic Station, ,, ...	7·48	1·93	1·35	1·63	3·46	6·35	4·20	11·01	8·33	16·04	12·41	2·11	76·30
Government Farm ,, ...	4·63	1·45	1·08	1·22	2·39	4·47	2·48	10·83	6·76	11·46	9·86	1·20	57·83
Lowlands Estate ,, ...	5·94	1·24	1·59	·85	1·45	4·76	3·24	12·88	7·61	18·13	11·13	1·91	70·73
Friendship ,, ,, ...	5·63	1·44	1·91	·99	1·91	5·17	2·35	11·16	8·95	13·69	10·66	1·27	65·13
Riversdale ,, ,, ...	4·05	1·95	1·94	2·01	3·77	7·68	7·72	14·93	10·35	12·52	12·00	4·20	83·12
Bon Accord ,, ...	6·19	1·35	1·91	1·17	2·30	4·38	·97	8·52	8·10	11·34	9·51	·93	56·67

RIVER ESTATE.

Report for 1917 by Louis Seheult, B.Sc., Acting Manager.

New Developments.—The most noteworthy features of the year's work have been (*a*) the development of the growing of foodstuffs in conjunction with the establishment of such permanent crops as limes and coffee, and (*b*) the taking up of hill lands by contractor-labourers for the purpose of growing ground provisions and at the same time reafforesting them with cyp, cedar, mahogany and other timber trees. The number of contractors dealing with timber, limes and coffee for the year was 56, and the area planted in limes and coffee by estate labour was respectively 6 and 14 acres.

Cacao.—A noticeable improvement was made in cultural operations, forking, manuring, mulching and draining were fairly extensively carried out, and over 100,000 trees were pruned.

Seven and a half miles of Hibiscus hedges were planted along the margins of the most exposed fields; the protection thus afforded has markedly reduced the attacks of cacao beetles and thrips, and the fields so treated have shown, as a rule, an improved yield, and a more evenly distributed crop.

Some of the experimental work had to be suspended because of the difficulty in obtaining the necessary artificial manures. Among the experiment plots the most marked improvement has been in the "No Shade," which from being a ragged wind-blown field of cacao has developed into a healthy looking section of the estate, and its yield has increased considerably. The budded and grafted plots also have shown improvement but were somewhat retarded in growth because of an attack of Algal disease (*Cephaleuros virescens*). This plot of six acres will undoubtedly be a valuable aid in the study of cacao. The practicability of improving the yield of old established fields by cutting down and budding the poor bearers with buds taken from selected, heavy and constant bearers is also to be tested. The initial experiments, carried out by Mr. R. O. Williams, of budding on chupons were quite successful. (See also page 21.)

The crop was 134,919 lb. or 817·6 bags. It was very unevenly distributed; from January to July 31, 765 bags were obtained whilst from then to December 31, only 52 bags. This unexpected failure in the crop affected seriously the estimated revenue.

The revenue and expenditure were respectively $15,667.47 and $17,105.85; of the total expenditure $6,315·58 were spent on capital account for improvements.

Although this estate has been decidedly improved, it must be borne in mind that it is still far from being a model estate. This can be easily understood when it is remembered that the extension of the cultivation was very rapid, that the lands on which cacao was planted were not always of the best, and that among the numerous contractors by whose aid the rapid extension took place were many who were land spoilers and not workers.

If ample funds are available for its working during three or four more years this estate must become a very valuable asset to the Colony, and of particular educational value and interest to the progressive cacao planters.

The buildings are not yet all in good order and considerable improvements are necessary.

The usual tables follow.

RIVER ESTATE.

TABLE XXVII.—Capital Account from 1897 to December 31, 1917.

EXPENDITURE.

	Purchase.	Surrender of Lease.	Contracts paid off.	Re-afforestation.	Improvements in Buildings, etc.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1897	4,629 1 4½	...	...	...	...	4,629 1 4½
1903-04	...	1,300 0 0	...	...	...	1,300 0 0
1906-07	...	...	118 2 3½	32 12 6	...	150 14 9½
1907 08	..	...	88 3 9	49 6 9½	..	137 10 6½
1908-09	...	...	97 18 5	49 17 2½	162 5 8	310 1 3½
1909-10	...	..	18 19 8	...	178 9 7½	197 9 3½
1910-11	...	...	609 2 7	...	44 17 7½	654 0 2½
1911-12	...	...	988 10 0½	...	326 16 10½	1,315 6 11
1912-13	...	...	...	...	293 17 7	293 17 7
1913-14	...	...	...	...	323 9 8	323 9 8
1914-15	...	...	60 6 7½	...	415 5 2½	475 11 10
1915 (Nine months)	...	...	..	...	345 12 9½	345 12 9½
1916	...	...	508 8 8½	...	632 17 1	1,141 5 9½
1917	..	...	350 6 2	...	965 8 9	1,315 14 11
	4,629 1 4½	1,300 0 0	2,839 18 3	131 16 6	3,689 0 10½	12,589 17 0

TABLE XXVIII.—Maintenance Account from 1897 to December 31, 1917.

	RECEIPTS							PAYMENTS.					
	Land Sales.	Cacao.	Rents.	Pasture.	Miscellaneous.	Interest on Deposit.	Total.	Salaries and Wages.	Stock.	Cultivation.	Manufacture.	Maint'nance.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
From 1st January 1897 to 31st March, 1910...	...	...	...	...	...	...	9,709 15 8		..	..	...	...	5,136 4 1
From 1st April, 1910 to 31st December, 1916..	100 0 0	15,612 7 11½	129 7 1½	132 14 0½	254 3 2½	2 5 0	16,230 17 4	2,580 3 11	434 12 11	2,428 8 5½	1,388 5 6½	742 3 5½	7,573 14 3½
From 1st January to 31st December, 1917..	...	3,051 18 0½	15 10 7½	22 0 7½	160 4 4	14 17 6	3,264 1 1½	710 12 6	119 1 7½	647 15 9½	303 7 10	207 8 0	1,988 5 9
	100 0 0	18,664 6 0	144 17 9	154 14 8	414 7 6½	16 12 6	29,204 14 1½	3,290 16 5	553 14 6½	3,076 4 3	1,691 13 4½	949 11 5½	14,698 4 1½

RIVER ESTATE.

TABLE XXIX.—Statement of Receipts and Payments for 1917.

RECEIPTS.			PAYMENTS.		
Recurrent.	$ c.	$ c.	*Recurrent.*	$ c.	$ c.
Sale of Cacao	14,649 13		A.—Recurrent	9,543 78	
Sale of Fruits, &c.	769 04		B.—Special Allowance ..	490 00	
Land Rents	74 55		C.—Extraordinary	4,842 68	
Pasture Fees	105 75		D.—Pupil Scheme	184 30	
Colonial Bank—Savings Department—			E.—Coffee	270 00	
Interest	69 00		F.—Coconuts & Ground Provisions	677 32	
			G. Lime	346 00	
			H.—Tonca Beans	...	
			I.—Visits of Agricultural Societies and Planters ...	339 46	
			J.—Bonuses	232 73	
			K.—Repairs to Manager's dwelling	179 58	
		$15,667 47			$17,105 85
To Balance in Colonial Bank 31st December 1916		3,830 12	To Balance in Colonial Bank 31st December, 1917		1,248 13
To Balance in Govt. Savings Bank 31st December, 1916		2,475 67	To Balance in Colonial Bank—Savings Department 31st December, 1917		1,069 00
Cash on hand 31st December, 1916 ...		34 19	To Balance in Govt. Savings Bank 31st December, 1917 ...		2,475 67
			Cash on hand 31st December, 1917 ...		108 80
		$22,007 45			$22,007 45

RIVER ESTATE.—DIEGO MARTIN.

TABLE XXX.—Rainfall for 1917.

Day of month.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	·00	·00	·27	·00	·00	·66	·61	·08	·00	·66	·04	·00
2	·20	·00	·04	·00	·00	·12	·25	·17	·33	·09	1·34	·00
3	·13	·22	·25	·00	·00	·02	·01	·13	·01	·00	·85	·04
4	·08	·02	·00	·01	·00	·00	·36	·13	·06	·34	·35	·13
5	·00	·04	·00	·00	·00	·36	·56	·11	·16	·27	·18	·00
6	·00	·00	·08	·00	·05	·00	·25	·83	·00	1·14	·12	·04
7	·00	·05	·11	·00	·03	·12	·25	·44	·16	·00	·00	·00
8	·09	·06	1·60	·28	·00	·00	·29	1·48	·00	·00	·00	·10
9	·00	·03	·00	·00	·00	·00	·00	2·56	·10	·00	·00	·05
10	·01	·06	·00	·00	·00	·30	·39	·23	·24	·00	·00	·20
11	·00	·11	·00	·00	·00	·00	·42	·38	·00	·00	·12	·00
12	·06	·00	·09	·00	·00	·00	·59	·00	·19	·05	·27	·00
13	·90	·00	·00	·00	·00	·00	·84	·00	·00	·75	·80	·00
14	·00	·00	·00	·00	·00	·00	·36	1·95	·00	1·10	·13	·00
15	·00	·00	·00	·00	·00	·00	·27	·17	·00	·07	·63	·00
16	·00	·00	·00	·00	·00	·00	2·03	·62	·00	1·10	·00	·00
17	·26	·00	·00	·00	·00	·13	·19	·00	·38	·88	·00	·00
18	·10	·00	·00	·00	·00	·47	1·47	·00	·48	·00	·01	·00
19	·39	·00	·00	·13	·09	·52	·15	·40	·95	·00	·00	·00
20	·12	·00	·00	·00	·00	·22	·20	1·12	1·07	·03	·00	·00
21	·00	·00	·00	·00	·02	1·42	·93	·00	·22	·05	·00	1·31
22	·00	·00	·00	.00	·19	·42	·00	·37	·80	·00	·00	·00
23	·02	·01	·00	·00	·75	·00	·27	·85	·24	·46	·07	·06
24	·11	·10	·00	·00	·01	·77	·20	·04	·20	·09	·00	·22
25	·03	·09	·00	·00	·11	·23	·18	·34	·00	·00	·17	·16
26	·00	·00	·00	·00	·22	·00	·58	·24	·03	·00	·05	·19
27	·05	·01	·00	·00	·63	·14	·22	·07	·70	·00	·00	1·07
28	·03	·99	·00	·00	·00	·42	·00	·31	·04	·00	·00	·42
29	·02	...	·03	·00	·26	·31	·00	·00	1·38	1·07	·31	·02
30	·00	...	·00	·00	·27	·47	·11	·09	·15	·19	·00	·06
31	·41	...	·00	...	·00	...	·00	·00	...	·00	...	1·76
Total ...	3·01	1·79	2·47	·42	2·54	7·10	11·98	13·11	7·89	8·34	5·43	5·83

GRAND TOTAL ... ... 69·91

RIVER ESTATE.

TABLE XXXI.—Details of Expenditure for 1917.

Detail of Expenditure.		Total Expenditure.	
A.—RECURRENT.	$ c.	$ c.	
(*a.*) STAFF:			
Board of Management	96 00		
Clerical Staff Head Office	96 00		
Superintendent	240 00		
Manager	1,640 00		
Assistant	360 00		
Head Driver	248 40		
Second Driver	198 60		
Third Driver	152 95		
Watchman	181 23		
Yard	161 82		
Travelling Expenses	36 00	3,411	00
(*b.*) STOCK:			
Stock keepers and Grass cutters	166 65		
Grass Field	26 10		
Supplies for stock and cartage	349 29		
Reaping and shelling maize	29 55	571	59
(*c.*) CULTIVATION:			
Orchard and reaping of Fruits and Vegetables	64 00		
Draining and Round-ridging	235 99		
Cutlassing and weeding	885 00		
Pruning and tarring	825 35		
Supplying Cacao and shade	97 99		
Forking	111 81		
Manuring, Mulching and Liming	419 99		
Treating diseased trees and pods	61 94		
Spraying	201 33		
Bark and Lop shade and Foreign trees	44 99		
Cutting Borders and Bamboo tufts and upkeep of hedges	161 00	3,109	39
(*d.*) MANUFACTURE:			
Picking, gathering, heaping, extracting and carting wet cacao, marketing dry Cacao	1,456 28	1,456	28
(*e.*) MAINTENANCE:			
Hire of Bull	24 00		
Stumping and cutlassing pasture	13 48		
Roads and Bridges	120 00		
Clear River and Water Service	12 87		
Supplies and Tools	309 01		
Repairs to Buildings	226 88		
Repairs to carts, carriages, etc.	29 74		
Blacksmith and Saddlers	78 00		
Sundries	159 95		
Destroy Ants, Beetles, etc.	21 59	995	52
B.—SPECIAL ALLOWANCE:			
Manager Special Allowance during active service	490 00	490	00
C.—EXTRAORDINARY:			
Clearing new lands	59 92		
Reclaiming Cacao boundary	99 47		
Lining and planting Cacao	70 52		
Planting shade	129 63		
Weeding and Cutlassing	599 11		
Draining, round-ridging, dry walling and contouring	412 48		
Forking and manuring	258 45		
New Roads and Bridges	161 55		
Planting hedges	111 16		
Renewing pasture fence	343 88		
Purchase of Plants	28 23		
New Buildings, barrack	886 80		
Purchase of Contracts and Advances to Contractors	1,681 48	4,842	68
D.—AGRICULTURAL EDUCATION PUPIL SCHEME:			
Lecture and Demonstrations	60 00		
Bonuses	124 30	184	30
E.—COFFEE:			
Upkeep of Coffee Fields	9 72		
Picking and marketing Coffee	2 40		
Planting 10 acres Coffee and maintenance of these 10 acres	257 88	270	00
F.—COCONUTS WITH PROVISION GROWING:			
Upkeep of Coconut Palms	1 20		
Picking and Marketing Coconuts	8 63		
Planting 10 acres of Ground provision and maintenance	667 49	677	32
G.—LIME:			
Planting 10 acres and maintenance	346 00	346	00
H.—TONCA BEANS:			
Planting 5 acres and maintenance	...	...	
I.—VISITS OF AGRICULTURAL SOCIETIES AND PLANTERS	339 46	339	46
J.—BONUSES TO LABOURERS	232 73	232	73
K.—REPAIRS TO MANAGER'S QUARTERS	179 58	179	58
	$ 17,105 85	$ 17,105	85

TABLE XXXII.—RAINFALL—RETURNS FOR THE YEAR 1917.

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total for 1917.	Total for corresp'ng period 1916.
NORTH WEST DISTRICT.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
Royal Botanic Gardens—St. Clair	1·17	3·06	1·38	·50	4·24	6·30	10·13	9·96	7·24	5·43	6·61	8·22	64·24	60·73
Colonial Hospital—Port-of-Spain	·73	1·33	·32	·03	4·28	5·49	10 11	10·48	5·56	3 83	4·73	9·03	55·92	53·70
Royal Gaol, Port-of-Spain	·68	1·61	·86	·12	4·18	5·69	10·24	10·46	6·78	3·73	5·46	7·06	56·87	57·98
Constabulary Headquarters, Port-of-Spain	·64	1·65	·34	·02	3·47	7·94	8·77	8·96	5·72	4·28	6·47	6·49	54·75	60·45
Reservoir—St. Ann's	1·49	3·76	1·94	·36	6·13	7·00	12·61	14·21	9·66	8·09	7·63	7·88	80·76	75·17
Reservoir—Maraval	2·01	2·44	2·14	·31	5·14	5·29	12·86	13·96	6·19	9·75	8·49	6·30	74·98	84·08
Constabulary Station, Maraval	2·86	3·20	1·59	·88	5·63	5·36	15·49	17·77	7·01	8 58	9·01	9·40	86·78	83·49
Constabulary Station, Diego Martin	3·75	3·16	2·00	·54	4·12	7·43	17·21	15·37	10·99	8·15	7·91	5·55	86·18	84·80
Waterworks, Diego Martin	2·92	1·59	2·80	·41	3·35	7·22	15·20	13·53	8·64	8·77	5·52	4·61	74·56	75·62
River Estate, Diego Martin	3·01	1·79	2·47	·42	2·54	7·10	11·98	13·11	7·89	8·34	5·43	5·83	69·91	74·32
Signal Station, Fort George	1·30	1·54	2·20	·37	4·80	3·32	12·14	9·85	8·05	7·60	6·77	5·86	63·80	71·40
Signal Station, North Post	2·16	2·23	1·39	·59	1·77	5·75	11·07	12·70	5·02	4·72	5 15	4·59	57·14	61·54
Constabulary Station, Carenage	1·36	2·97	2·20	·46	6·15	7·55	12·72	14·10	6·87	10·06	8·39	5·96	79·59	88·82
Convict Depôt, Carrera Island	1·52	1·40	·50	·04	1·20	2·48	4·06	3·24	1·42	2·01	2·32	2·34	22·53	55·47
Light House, Chacachacare	2·05	2·05	1·14	·62	4·60	4·78	9·70	8·39	5·72	4·10	4·90	3·17	51·22	45·68
SANTA CRUZ-MARACAS DISTRICT.														
Constabulary Station, Santa Cruz	3·14	4·26	1·69	·36	4·73	5·98	20·66	20 11	8·07	8·12	9·22	9·66	96·00	88·35
Government Farm, St. Joseph	1·77	1·88	·22	·45	5·95	6·15	11·39	9·26	9·02	3·63	5·77	9·14	64·63	53·83
Constabulary Station, St. Joseph	1·79	1·61	·12	·30	5·57	4·30	10·51	10·01	8·16	2·18	4·85	7·37	56·77	48·62
St. Augustine Estate, Tunapuna	1·76	1·25	·07	·23	6·45	3·84	11·14	8·51	5·32	3·55	5·67	10·51	58·30	50·12
Government School—Maracas	3·38	2·62	2·54	·22	6·52	5·21	19·40	14·35	6·60	5·48	8·09	7·31	81·72	89·21
Ortinola Estate—Maracas	3·13	3·34	1·10	·38	6·04	4·88	15·59	13·47	7·92	5·10	6·26	8·64	75·85	81·16
Wardour Estate—Caura	2·34	2·33	·70	·37	6·71	5·70	14·04	8·20	6·96	6·17	7·47	5·63	66·62	64·65

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total for 1917.	Total for corresp'ng period 1916.
WEST CENTRAL DISTRICT.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
Frederick Estate, Caroni	2·68	2·07	·37	·29	3·56	4·08	11·66	9·82	5·97	3·58	7·94	9·38	61·40	55·66
Constabulary Station, Chaguanas	2·01	·77	·62	·19	4·24	6·31	14·00	12·31	5·17	4·41	4·90	5·85	60·78	56·13
Woodford Lodge Estate, Chaguanas	1·67	·89	·79	·04	3·61	6·03	11·70	8·37	4·80	5·55	5·82	5·69	54·96	55·85
Waterloo Estate, Carapichaima	2·20	1·39	·30	·07	2·76	9·24	15·52	8·21	4·49	4·18	8·53	7·55	64·44	66·04
McBean Cacao Estate, Carapichaima	1·26	1·00	·60	·54	2·79	6·92	11·89	8·97	5·23	3·86	5·89	7·55	56·59	...
Friendship Hall Estate, Carapichaima	2·50	·95	·50	1·00	3·05	7·55	10·50	8 00	8·25	3·70	10·00	9·25	65·25	...
Exchange Estate, Couva	·90	·58	·18	·42	2·80	7·20	12·26	11·31	3·98	2·11	7·04	8·08	56·86	53·61
Brechin Castle Estate, Couva	·99	·90	·50	·09	3·56	7·91	11·49	11·77	4·73	2·83	8·46	10·18	63·41	63·68
Perseverance „ „	1·31	·65	·26	·27	2·31	8·46	10·63	9·84	3·22	1·71	5·84	8·56	53·06	58·82
Camden „ „	1·00	·70	·32	·56	2·43	6·04	10·19	9·93	5·15	2·53	6·38	8·38	53·61	50·86
Milton „ „	1·61	1·63	·40	·46	3·78	6·85	13·12	9·52	6·67	2·22	7·40	14·63	68·34	71·64
Spring „ „	2·21	2·29	1·18	·33	6·24	6·67	12·86	9·83	5·22	3·38	7·97	10·51	68·69	62·21
Constabulary Station, „	·97	·34	·13	·32	1·13	3·21	5·87	6·74	6·35	2·72	8·23	9·56	45·57	59·65
Esperanza Estate „	·89	1·31	·21	·10	2·54	8·49	9·80	9·54	4·03	2·90	6·63	11·12	57·56	60·83
MONTSERRAT DISTRICT.														
Mamoral Estate, Brasso Piedra	3·57	2·15	2·13	·40	5·87	8·67	19·26	8·19	12·32	5·75	10·05	13·49	91·85	...
La Mariana Estate, Brasso Piedra	3·16	2·66	1 00	·26	6·14	9·67	15·12	6·88	13·70	6·44	8·74	14·40	88·17	...
Constabulary Station, Montserrat	1·63	1·60	·32	Nil.	4·80	6·91	12·17	8·21	7·18	2·89	8·98	11·37	66·11	63·83
La Vega Estate, Brasso	2·74	2·00	·58	·70	6·96	10·68	16·34	10·37	11·18	6·14	11·87	13·30	92·86	76·70
ARIMA DISTRICT.														
Warden's Office, Arima	1·47	·97	·12	·10	5·68	No	record	8·90	10·24	6·03	6·77	5·12	...	63·95
Torrecilla Estate, Arima	3·44	2·70	·57	·65	7·35	9·51	17·07	10·55	13·14	5·87	8·63	7·08	86·56	80·05
Verdant Vale Estate, Arima	2·49	2·21	1·04	·38	7·03	9·13	15·86	11·24	11·73	5·49	9·56	7·24	83·43	84·59
Constabulary Station, San Rafael	4·02	2·45	1·45	·96	7·76	7·92	18·58	11·52	9·45	8·25	10·24	12·02	94·62	81·24
Talparo Estate, Guanapo	3·92	2·15	1·53	·68	9·61	6·81	23·44	10·91	13·36	6·03	9·51	13·62	101·57	75·13
San José Estate, „	4·28	2·30	2·29	·76	6·97	8·78	20·79	9·98	13·09	8·37	12·70	18·42	108·73	95·24
Santa Marta Estate, Tamana	4·72	3·52	1·48	·77	7·91	12·00	23·96	11·96	14·97	8·42	11·31	26·62	127·64	102·38
La Corona Estate, Tamana	5·19	3·54	1·99	1·14	6·56	11·98	19·83	10·80	11·66	8·21	9·43	19·06	109·39	119·47
SAN FERNANDO AND PRINCES TOWN DISTRICT.														
Forres Park Estate, Claxton's Bay	1·08	1·21	·23	·08	3·39	7·08	9·00	8·38	5·40	2·10	7·29	10·10	57·34	65·25
Bonne Aventure Estate, Pointe-à-Pierre	·93	1·02	1·36	·11	3·66	6·41	13·93	9·02	5·92	2·89	8·91	8·11	62·27	59·39
Concord „ „	1·32	1·11	1·35	·15	3·46	9·13	14·27	9·50	8·11	3·55	8·92	8·56	69·43	61·41
Plein Palais „ „	1·25	1·42	·60	·25	3·21	10·25	15·85	9·82	5·50	2·90	7·26	7·05	65·36	53·87
Picton Estate, Naparima	1·24	·95	·72	·23	4·02	9·64	18·28	8·98	5·92	3·03	7·74	5·36	66·11	62·00
Usine Ste. Madeleine Estate, Naparima	1·32	·95	·60	·21	4·35	6·81	15·91	9·28	5·24	3·85	7·20	5·84	61·56	59·65

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total for 1917.	Total for corresp'ng period 1916.
San Fernando & Princes Town District.—*Continued.*	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
La Fortunée Estate, Naparima	·90	1·61	·72	·28	4·87	6·37	17·65	9·59	6·48	4·21	5·24	3·17	61·19	56·67
Taronba Estate ,, ...	·50	·38	·26	Nil.	2·64	6·56	15·98	9·92	5·27	2·19	5·52	3·96	53·18	44·47
Union Hall ,, ,, ...	1·09	·92	·93	·17	4·97	7·87	20·50	11·79	5·99	3·96	6·31	6·31	70·81	58·78
Palmiste ,, ,, ...	1·38	1·16	1·37	·21	5·96	11·72	23·06	14·09	6·17	3·99	6·65	6·22	81·98	66·60
Lewisville House ,, ...	1·42	1·10	·41	·15	4·14	9·84	23·59	12·49	6·98	4·16	7·25	7·11	78·64	69·41
Hermitage Estate ,, ...	1·23	·98	·72	·09	4·90	6·57	19·16	9·71	6·18	3·25	5·46	5·30	63·45	55·69
Petit Morne ,, ,, ...	·62	·37	·52	·08	3·40	5·98	17·26	9·25	5·48	2·51	7·49	5·31	58·27	56·10
Craignish ,, Princes Town	1·07	·86	1·18	·23	3·38	4·32	12·62	7·52	5·41	2·75	10·79	6·99	57·12	65·95
Cedar Hill ,, ,, ...	1·62	·94	·92	Nil.	3·98	6·58	15·38	9·66	6·88	3·93	8·53	9·25	67·67	61·83
Williamsville Estate ,, ...	1·40	1·26	1·23	Nil.	3·97	6·15	11·16	9·29	5·00	3·00	10·09	7·25	59·80	70·54
Esmeralda ,, ,, ...	1·36	1·11	1·53	·34	5·17	9·18	13·85	8·45	9·56	3·57	9·94	8·71	73·07	64·91
New Grant ,, ,, ...	1·91	2·00	1·63	4·44	4·67	6·43	12·36	8·80	8·27	3·31	11·42	9·05	70·29	71·27
Constabulary Station ,, ...	·94	·54	1·37	·18	3·18	5·43	13·44	6·68	4·79	3·46	10·00	6·83	56·84	58·71
Hindustan Estate ,, ...	1·77	·72	1·51	·34	4·16	5·76	13·57	9·02	12·29	3·95	9·61	6·75	69·45	70·01
La Retraite ,, ,, ...	3·33	2·70	2·41	·52	7·69	8·35	17·88	13·64	8·47	4·92	14·31	9·73	93·95	99·38
Malgretoute ,, ,, ...	1·65	·94	1·09	·26	3·92	6·72	15·96	8·77	5·15	3·84	9·93	6·68	64·91	69·79
Friendship and Ben Lomond Estates	1·79	·85	1·16	·13	3·70	7·69	16·27	9·23	5·74	3·70	9·32	7·04	66·22	68·80
Los Naranjos Estate	1·37	1·14	·69	·49	4·79	6·87	18·73	9·00	8·07	3·80	9·30	8·14	72·39	...
El Rosario Estate, Poole	·62	·37	·52	·08	3·40	5·98	17·26	9·25	5·48	2·51	7·49	5·31	58·27	89·58
South West District.														
Constabulary Station, Oropuche	1·44	2·83	·89	·38	4·06	7·95	17·49	13·13	7·17	9·68	7·82	5·54	78·68	62·96
Pluck Estate, Oropuche	1·18	1·82	·27	·15	2·63	6·07	18·43	9·97	3·84	5·37	6·27	5·97	61·97	59·17
Constabulary Station, Siparia	1·85	2·16	1·09	·77	4·46	7·43	17·06	11·27	8·99	4·27	7·75	7·88	74·98	62·98
Alta Gracia Estate, Siparia	1·56	2·60	1·45	·40	3·99	7·59	16·55	11·02	9·18	4·97	8·03	9·33	76·67	68·82

STATIONS.	January.	Feby.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total for 1917.	Total for corresp'ng period 1916.
SOUTH WEST DISTRICT.—(*Continued.*)	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	In.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
Adventure Estate, Guapo	1·88	3·53	1·59	1·11	3·18	7·85	15·90	15·26	9·38	5·46	9·58	5·66	80·38	64·11
Constabulary Station, Point Fortin	2·38	4·46	1·91	1·49	4·35	8·78	20·07	17·96	10·87	8·07	10·76	5·25	96·35	78·29
La Ressource Estate, Erin	2·95	5·25	·46	Nil.	1·39	11·43	15·39	10·60	4·97	2·05	5·80	4·01	64·30	45·29
La Union Estate	2·71	5·94	1·40	·47	1·73	10·29	17·34	9·66	6·16	2·85	6·36	4·65	69·56	...
Industry Estate	2·51	5·56	1·41	·66	1·82	9·04	18·54	8·51	8·36	3·40	7·38	4·02	71·21	55·68
La Retraite Estate, Cedros	2·92	5·02	3·71	1·23	2·35	9·39	16·79	17·30	10·36	9·61	11·34	4·92	34·94	84·49
Beaulieu Estate, Cedros	2·50	4·37	1·12	·36	1·64	9·95	12·43	12·04	9·51	2·96	4·30	4·92	66·10	56·48
Perseverance Estate, Cedros	2·78	4·70	·71	·52	1·08	9·32	14·53	15·13	12·24	1·59	3·60	3·48	69·68	59·15
St. Marie Estate, Cedros	3·10	5·75	1·44	·51	1·37	7·88	16·25	13·85	11·51	2·37	4·39	4·02	72·44	56·76
Constabulary Station, Cedros	2·59	5·07	1·99	·03	1·37	9·02	14·71	14·54	10·67	1·98	4·87	4·25	71·09	59·24
St. Quintin Estate, ,, ...	2·75	3·77	·65	·34	1·26	8·58	11·50	13·48	11·12	·86	7·34	3·36	65·01	...
Constance Estate, Icacos	2·14	1·97	·71	·37	1·98	19·23	30·30	29·40	25·30	2·85	5·25	15·09	134·59	76·22
Irois Government School	2·76	8·66	3·15	1·14	2·12	12·54	18·02	12·91	13·02	4·26	5·79	2·87	87·54	72·01
SOUTH COAST.														
Constabulary Station, Moruga	1·73	2·59	1·23	·29	2·37	10·44	15·99	11·77	7·24	5·05	8·06	6·71	73·47	75·96
EAST COAST.														
La Juanita Estate, Matura	3·26	3·09	1·76	1·40	7·75	10·58	13·63	16·99	10·56	7·63	8·20	21·70	106·55	81·85
Constabulary Station, Manzanilla...	4·71	4·08	·72	·54	6·18	9·67	18·01	11·66	15·12	7·24	10·26	34·06	122 25	88·40
New Lands Estate, Sangre Grande	4·17	4·65	1·74	·81	8·35	10·73	22·39	11·62	12·56	11·72	15·19	21·74	125·67	88·94
Evasdale ,, ,, ...	4·89	3·89	1·13	·84	6·67	8·46	21·31	9·21	10·34	9·68	12·79	22·34	111·55	98·39
Grosvenor ,, ,, ...	5·71	4·68	1·35	1·12	6·78	10·69	22·51	10·23	12·54	11·84	12·76	23·78	126·99	99·12
San Hilario ,, ,, ...	4·11	1·91	2·13	1·00	6·18	9·26	14·82	9·68	14·78	7·56	12·67	21·73	105·83	81·59
Constabulary Station, Mayaro	3·31	1·09	2·43	·77	5·48	8·86	15·63	8·32	9·00	5·06	11·93	17·32	89·80	85·02
NORTH COAST.														
Constabulary Station, Blanchisseuse	5·11	2·32	5·59	·60	4·23	8·36	16·69	15·07	8·32	3·05	6·50	7·43	83·27	85·51
Mon Plaisir Estate, Grande Rivière	7·02	4·36	1·06	1·43	6·16	10·63	16·52	11·32	12·84	6·83	11·83	10·62	100·62	108·49
Aragua House, Toco	4·08	2·60	·37	·32	5·11	7·24	15·22	8·28	11·55	3·14	10·03	9·92	77.86	88·46
Constabulary Station, Toco	4·58	2·27	1·24	·47	4·93	7·65	14·81	8·83	16·21	3·23	10·31	8·99	83·52	75 76
Light House, Point Galera	2·41	1·83	·56	·60	4·18	6·30	13·01	8·60	12·83	2·02	9·93	7·18	68·85	53·66
TOBAGO.														
Hermitage Estate Tobago	2·73	2·30	2·50	·52	3·28	11·20	22·35	3·27	20 84	7·89	6·98	8·00	91·86	103·82
King's Bay ,, ,, ...	4·65	4·79	2·65	·87	3·87	8·84	16·69	5·65	19·68	5·21	7·35	7·32	87·57	95·04
Roxburgh ,, ,, ...	4·01	4·60	2·84	·83	3·54	10·73	18·00	7·47	13·79	8·55	7·56	7·30	89·22	109·23
Lure ,, ,, ...	3·59	3·43	2·64	·46	2·47	7·82	17·16	9·81	12·58	3·14	8·66	3·44	75·20	99·86
Botanic Station, ,, ...	1·49	4·24	·59	·78	3·53	7·12	11·74	10·99	11·61	5·42	4·78	5·51	67·80	76·30
Government Farm ,, ...	1·60	2·88	·19	Nil.	2·04	4·81	9·09	9·63	8·10	2·97	3·33	2·51	47·15	57·83
Lowlands Estate ,, ...	1·42	3·88	·86	·22	3·54	6·19	13·47	14·62	9·61	1·74	6·24	6·28	68·07	70·73
Friendship ,, ,, ...	·44	3 67	·56	·19	2·05	4·18	10·68	8·66	8·44	2·03	6·45	2·50	50·15	65·13
Riversdale ,, ,, ...	2·74	2·89	1·98	·29	2·74	10·32	18·26	7·19	12·07	4·35	5·59	6·38	74·80	83 12
Bon Accord ,, ,, ...	1·76	1·90	1·78	Nil.	1·81	4·92	12·14	7·94	7·42	2·38	5·66	2·84	50·55	56·67

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